

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122419\
 Data File : VD064585.D
 Acq On : 24 Dec 2019 12:14
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 12/26/2019 11:14:00 AM

Quant Time: Dec 24 13:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 12:11:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	442779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	618022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	554348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	377686	95.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.22%	
35) Dibromofluoromethane	7.92	113	376208	97.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.32%	
50) Toluene-d8	10.34	98	1486539	102.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.62%	
62) 4-Bromofluorobenzene	12.64	95	464248	100.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	314248	86.452	ug/l	99
3) Chloromethane	2.21	50	423119	82.434	ug/l	98
4) Vinyl Chloride	2.35	62	537728	87.277	ug/l	99
5) Bromomethane	2.76	94	380356	85.303	ug/l	99
6) Chloroethane	2.92	64	364964	88.815	ug/l	98
7) Trichlorofluoromethane	3.27	101	894796	85.776	ug/l	99
8) Diethyl Ether	3.70	74	178974	86.539	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	370055	85.680	ug/l	99
10) Methyl Iodide	4.30	142	477591	113.293	ug/l	98
11) Tert butyl alcohol	5.25	59	110436	695.243	ug/l	98
12) 1,1-Dichloroethene	4.06	96	356467	87.177	ug/l	97
13) Acrolein	3.93	56	154553	484.197	ug/l	99
14) Allyl chloride	4.71	41	566275	90.042	ug/l	100
15) Acrylonitrile	5.43	53	384426	454.820	ug/l	100
16) Acetone	4.17	43	368184	426.926	ug/l	95
17) Carbon Disulfide	4.40	76	1151666	87.106	ug/l	99
18) Methyl Acetate	4.73	43	197558	85.628	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	823851	92.913	ug/l	96
20) Methylene Chloride	4.96	84	377546	74.119	ug/l	99
21) trans-1,2-Dichloroethene	5.46	96	410280	89.074	ug/l	98
22) Diisopropyl ether	6.37	45	1138247	91.157	ug/l	98
23) Vinyl Acetate	6.31	43	3437304	499.447	ug/l	100
24) 1,1-Dichloroethane	6.27	63	675246	89.526	ug/l	99
25) 2-Butanone	7.22	43	516288	466.322	ug/l	95
26) 2,2-Dichloropropane	7.21	77	618418	87.590	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	449872	91.059	ug/l	99
28) Bromochloromethane	7.55	49	272463	94.098	ug/l	98
29) Tetrahydrofuran	7.57	42	322147	469.495	ug/l	99
30) Chloroform	7.71	83	702649	88.498	ug/l	97
31) Cyclohexane	7.98	56	633652	81.174	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	664723	89.311	ug/l	99
36) 1,1-Dichloropropene	8.11	75	568262	92.444	ug/l	99
37) Ethyl Acetate	7.30	43	227542	94.901	ug/l	99
38) Carbon Tetrachloride	8.10	117	627799	97.477	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122419\
 Data File : VD064585.D
 Acq On : 24 Dec 2019 12:14
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 12/26/2019 11:14:00 AM

Quant Time: Dec 24 13:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 12:11:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	715969	97.564	ug/l	98
40) Benzene	8.35	78	1597620	96.709	ug/l	98
41) Methacrylonitrile	7.54	41	128129	90.999	ug/l	90
42) 1,2-Dichloroethane	8.43	62	460870	95.904	ug/l	98
43) Isopropyl Acetate	8.46	43	461471	97.163	ug/l	100
44) Trichloroethene	9.11	130	457281	92.850	ug/l	99
45) 1,2-Dichloropropane	9.39	63	373133	93.517	ug/l	95
46) Dibromomethane	9.48	93	211485	95.525	ug/l	98
47) Bromodichloromethane	9.66	83	553459	93.117	ug/l	99
48) Methyl methacrylate	9.46	41	211432	93.524	ug/l	91
49) 1,4-Dioxane	9.46	88	48455	1878.249	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	1152446	495.201	ug/l	99
52) Toluene	10.40	92	1059492	98.573	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	542344	100.484	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	624844	97.617	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	276342	91.614	ug/l	97
56) Ethyl methacrylate	10.66	69	363496	99.329	ug/l	99
57) 1,3-Dichloropropane	10.95	76	485900	94.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	671235	468.931	ug/l	99
59) 2-Hexanone	10.98	43	802400	510.246	ug/l	100
60) Dibromochloromethane	11.14	129	395331	96.117	ug/l	100
61) 1,2-Dibromoethane	11.25	107	281687	95.862	ug/l	99
64) Tetrachloroethene	10.88	164	402496	91.124	ug/l	98
65) Chlorobenzene	11.67	112	1097139	92.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	430474	98.056	ug/l	98
67) Ethyl Benzene	11.75	91	2048896	96.504	ug/l	98
68) m/p-Xylenes	11.86	106	1586754	194.013	ug/l	97
69) o-Xylene	12.18	106	725226	98.643	ug/l	100
70) Styrene	12.20	104	1291660	101.201	ug/l	99
71) Bromoform	12.36	173	243457	96.559	ug/l #	98
73) Isopropylbenzene	12.48	105	1977711	93.931	ug/l	100
74) N-amyl acetate	12.29	43	435108	97.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	299632	88.487	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	229006m	57.029	ug/l	
77) Bromobenzene	12.77	156	482229	92.413	ug/l	98
78) n-propylbenzene	12.83	91	2306373	93.697	ug/l	99
79) 2-Chlorotoluene	12.91	91	1248340	91.682	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1630171	94.512	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	104636	93.979	ug/l	97
82) 4-Chlorotoluene	13.01	91	1338506	93.090	ug/l	99
83) tert-Butylbenzene	13.23	119	1427265	95.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1642116	96.103	ug/l	98
85) sec-Butylbenzene	13.41	105	1967054	95.995	ug/l	99
86) p-Isopropyltoluene	13.53	119	1907416	97.946	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	934815	95.055	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	896082	91.701	ug/l	99
89) n-Butylbenzene	13.85	91	1688649	95.801	ug/l	99
90) Hexachloroethane	14.12	117	337705	87.871	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	776306	91.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	47672	86.173	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122419\
Data File : VD064585.D
Acq On : 24 Dec 2019 12:14
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
12/26/2019 11:14:00 AM

Quant Time: Dec 24 13:11:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 12:11:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	569673	91.037	ug/l	99
94) Hexachlorobutadiene	15.28	225	359620	91.050	ug/l	98
95) Naphthalene	15.41	128	958979	98.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	492219	92.130	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122419\
Data File : VD064585.D
Acq On : 24 Dec 2019 12:14
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
12/26/2019 11:14:00 AM

Quant Time: Dec 24 13:11:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 12:11:16 2019
Response via : Initial Calibration

