

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059830.D
 Acq On : 20 Aug 2018 14:23
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 8/21/2018 10:24:47 AM

Quant Time: Aug 21 04:28:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 02:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	1086276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.64	114	1551193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	1230561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	521412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.97	65	787292	89.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.70%	
35) Dibromofluoromethane	5.50	113	1099282	95.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.04%	
50) Toluene-d8	8.67	98	2871962	91.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.38%	
62) 4-Bromofluorobenzene	11.91	95	1025446	84.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	898562	96.30	ug/l	99
3) Chloromethane	1.46	50	734123	94.88	ug/l	97
4) Vinyl Chloride	1.54	62	632114	100.81	ug/l	98
5) Bromomethane	1.76	94	66290	78.44	ug/l	92
6) Chloroethane	1.85	64	126658	80.72	ug/l	91
7) Trichlorofluoromethane	2.06	101	603958	92.21	ug/l	99
8) Diethyl Ether	2.31	74	136580	94.77	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.52	101	374108	91.21	ug/l	98
10) Methyl Iodide	2.66	142	487584	114.98	ug/l	93
11) Tert butyl alcohol	3.23	59	131455	402.00	ug/l	95
12) 1,1-Dichloroethene	2.51	96	282869	88.18	ug/l	96
13) Acrolein	2.44	56	159426	517.34	ug/l	95
14) Allyl chloride	2.88	41	789114	92.79	ug/l	99
15) Acrylonitrile	3.33	53	645252	436.95	ug/l	98
16) Acetone	2.58	43	734528	497.71	ug/l	100
17) Carbon Disulfide	2.72	76	1079241	100.50	ug/l	100
18) Methyl Acetate	2.89	43	280092	86.98	ug/l	98
19) Methyl tert-butyl Ether	3.37	73	1705223	90.64	ug/l	98
20) Methylene Chloride	3.03	84	338518	67.68	ug/l	94
21) trans-1,2-Dichloroethene	3.35	96	789274	87.99	ug/l	98
22) Diisopropyl ether	4.03	45	3974572	90.81	ug/l	95
23) Vinyl Acetate	3.97	43	10287330	435.19	ug/l	100
24) 1,1-Dichloroethane	3.92	63	1773863	92.70	ug/l	99
25) 2-Butanone	4.79	43	2205293	497.63	ug/l	98
26) 2,2-Dichloropropane	4.74	77	1330440	87.64	ug/l	100
27) cis-1,2-Dichloroethene	4.75	96	1071271	92.81	ug/l	99
28) Bromochloromethane	5.10	49	849431	86.60	ug/l	94
29) Tetrahydrofuran	5.14	42	1025842	461.53	ug/l	99
30) Chloroform	5.28	83	1806663	95.86	ug/l	100
31) Cyclohexane	5.54	56	1583718	90.57	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	1525050	95.86	ug/l	99
36) 1,1-Dichloropropene	5.70	75	1209493	90.64	ug/l	99
37) Ethyl Acetate	4.87	43	875038	90.12	ug/l	98
38) Carbon Tetrachloride	5.68	117	1234061	93.01	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059830.D
 Acq On : 20 Aug 2018 14:23
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 8/21/2018 10:24:47 AM

Quant Time: Aug 21 04:28:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 02:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.23	83	1401302	98.79	ug/l	99
40) Benzene	5.97	78	3294699	95.64	ug/l	98
41) Methacrylonitrile	5.08	41	427955	85.59	ug/l	98
42) 1,2-Dichloroethane	6.08	62	1092875	98.78	ug/l	100
43) Isopropyl Acetate	7.58	43	1268423	95.21	ug/l #	98
44) Trichloroethene	6.94	130	1022404	100.71	ug/l	97
45) 1,2-Dichloropropane	7.30	63	984075	98.54	ug/l	100
46) Dibromomethane	7.42	93	616844	99.41	ug/l	92
47) Bromodichloromethane	7.70	83	1329079	96.52	ug/l	99
48) Methyl methacrylate	7.46	41	728014	97.71	ug/l	98
49) 1,4-Dioxane	7.45	88	128787	2074.90	ug/l	96
51) 4-Methyl-2-Pentanone	8.56	43	4367531	476.67	ug/l	99
52) Toluene	8.76	92	2056367	94.09	ug/l	100
53) t-1,3-Dichloropropene	9.14	75	1204871	96.08	ug/l	99
54) cis-1,3-Dichloropropene	8.32	75	1449275	96.27	ug/l	100
55) 1,1,2-Trichloroethane	9.41	97	723247	92.97	ug/l	98
56) Ethyl methacrylate	9.27	69	843581	94.35	ug/l	96
57) 1,3-Dichloropropane	9.63	76	1092932	96.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.15	63	1939417	422.35	ug/l	99
59) 2-Hexanone	9.74	43	3362621	498.27	ug/l	98
60) Dibromochloromethane	9.92	129	979920	98.00	ug/l	99
61) 1,2-Dibromoethane	10.06	107	815173	98.52	ug/l	100
64) Tetrachloroethene	9.47	164	894861	99.02	ug/l	98
65) Chlorobenzene	10.69	112	2251664	94.05	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.82	131	712676	86.20	ug/l	97
67) Ethyl Benzene	10.83	91	3171802	80.78	ug/l	99
68) m/p-Xylenes	10.98	106	2349232	163.33	ug/l	99
69) o-Xylene	11.38	106	1231835	87.66	ug/l	96
70) Styrene	11.41	104	2090350	85.83	ug/l	99
71) Bromoform	11.57	173	721793	99.88	ug/l #	97
73) Isopropylbenzene	11.75	105	3250727	91.40	ug/l	98
74) N-amyl acetate	11.62	43	1556913	99.01	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.05	83	841473	102.91	ug/l	98
76) 1,2,3-Trichloropropane	12.09	75	836160	98.14	ug/l	99
77) Bromobenzene	12.02	156	976758	98.92	ug/l	91
78) n-propylbenzene	12.13	91	3926314	87.87	ug/l	99
79) 2-Chlorotoluene	12.19	91	2341033	91.75	ug/l	95
80) 1,3,5-Trimethylbenzene	12.29	105	2079590	77.96	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.82	75	275748	104.63	ug/l	92
82) 4-Chlorotoluene	12.30	91	2018516	76.09	ug/l	98
83) tert-Butylbenzene	12.55	119	2519807m	80.38	ug/l	
84) 1,2,4-Trimethylbenzene	12.60	105	2639759	89.41	ug/l	97
85) sec-Butylbenzene	12.74	105	3366360	89.50	ug/l	99
86) p-Isopropyltoluene	12.86	119	2535061	85.86	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	1560763	93.75	ug/l	97
88) 1,4-Dichlorobenzene	12.90	146	1532887	91.51	ug/l	96
89) n-Butylbenzene	13.18	91	2134672	72.07	ug/l	99
90) Hexachloroethane	13.38	117	810770	97.21	ug/l	86
91) 1,2-Dichlorobenzene	13.17	146	991360	73.13	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.75	75	125165	103.32	ug/l	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
Data File : VD059830.D
Acq On : 20 Aug 2018 14:23
Operator : JC/SY
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
8/21/2018 10:24:47 AM

Quant Time: Aug 21 04:28:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 02:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.32	180	1092410	90.30	ug/l	99
94) Hexachlorobutadiene	14.41	225	785545	97.73	ug/l	99
95) Naphthalene	14.49	128	2002818	103.78	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	995683	94.81	ug/l	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
Data File : VD059830.D
Acq On : 20 Aug 2018 14:23
Operator : JC/SY
Sample : VSTDIC100
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

apatel
8/21/2018 10:24:47 AM

Quant Time: Aug 21 04:28:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 02:29:07 2018
Response via : Initial Calibration

