

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092519\
 Data File : VD063828.D
 Acq On : 25 Sep 2019 17:53
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 9:26:06 AM

Quant Time: Sep 26 11:56:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 11:05:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	237233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.88	114	378055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	357425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	182001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.35	65	45450	20.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.70%	
35) Dibromofluoromethane	7.94	113	49583	20.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.32%	
50) Toluene-d8	10.36	98	172965	19.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.30%	
62) 4-Bromofluorobenzene	12.64	95	69964	21.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	34437	21.166	ug/l	97
3) Chloromethane	2.22	50	112327	22.782	ug/l	99
4) Vinyl Chloride	2.36	62	112180	22.294	ug/l	95
5) Bromomethane	2.77	94	59849	20.329	ug/l	99
6) Chloroethane	2.93	64	69255	19.985	ug/l	90
7) Trichlorofluoromethane	3.29	101	146528	21.659	ug/l	89
8) Diethyl Ether	3.73	74	23260	21.086	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.11	101	41737	20.797	ug/l	97
10) Methyl Iodide	4.31	142	47881	19.984	ug/l	98
11) Tert butyl alcohol	5.28	59	17118	98.909	ug/l #	85
12) 1,1-Dichloroethene	4.08	96	41981	20.723	ug/l	98
13) Acrolein	3.94	56	20474	97.169	ug/l	88
14) Allyl chloride	4.73	41	67786	21.169	ug/l	94
15) Acrylonitrile	5.46	53	49950	102.500	ug/l	97
16) Acetone	4.20	43	51223	102.155	ug/l #	89
17) Carbon Disulfide	4.42	76	145684	21.274	ug/l	99
18) Methyl Acetate	4.76	43	27004	21.873	ug/l	97
19) Methyl tert-butyl Ether	5.51	73	104660	20.636	ug/l	98
20) Methylene Chloride	4.99	84	61208	20.288	ug/l	97
21) trans-1,2-Dichloroethene	5.49	96	48135	20.414	ug/l	97
22) Diisopropyl ether	6.40	45	137033	20.720	ug/l	97
23) Vinyl Acetate	6.34	43	406607	103.947	ug/l	97
24) 1,1-Dichloroethane	6.29	63	84952	21.143	ug/l	95
25) 2-Butanone	7.25	43	66980	102.178	ug/l	93
26) 2,2-Dichloropropane	7.24	77	77431	20.607	ug/l	95
27) cis-1,2-Dichloroethene	7.23	96	54049	20.428	ug/l	96
28) Bromochloromethane	7.57	49	29630	18.793	ug/l #	95
29) Tetrahydrofuran	7.60	42	41681	106.117	ug/l	94
30) Chloroform	7.73	83	91228	20.904	ug/l	100
31) Cyclohexane	8.00	56	82864	20.660	ug/l #	95
32) 1,1,1-Trichloroethane	7.93	97	84284	21.359	ug/l	93
36) 1,1-Dichloropropene	8.13	75	71319	20.682	ug/l	100
37) Ethyl Acetate	7.33	43	29232	20.297	ug/l	97
38) Carbon Tetrachloride	8.12	117	71011	19.785	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092519\
 Data File : VD063828.D
 Acq On : 25 Sep 2019 17:53
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 9:26:06 AM

Quant Time: Sep 26 11:56:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 11:05:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.37	83	87399	20.354	ug/l	98
40) Benzene	8.37	78	194144	20.443	ug/l	100
41) Methacrylonitrile	7.55	41	15401	18.106	ug/l	95
42) 1,2-Dichloroethane	8.44	62	57130	20.572	ug/l	99
43) Isopropyl Acetate	8.48	43	60521	20.962	ug/l	97
44) Trichloroethene	9.13	130	55859	20.310	ug/l	84
45) 1,2-Dichloropropane	9.40	63	48110	20.507	ug/l	92
46) Dibromomethane	9.49	93	26864	20.288	ug/l	97
47) Bromodichloromethane	9.68	83	70169	20.557	ug/l	97
48) Methyl methacrylate	9.47	41	28301	21.551	ug/l	97
49) 1,4-Dioxane	9.48	88	7568	409.704	ug/l	97
51) 4-Methyl-2-Pentanone	10.25	43	150026	103.144	ug/l	99
52) Toluene	10.42	92	128290	19.923	ug/l	95
53) t-1,3-Dichloropropene	10.64	75	68838	20.346	ug/l	100
54) cis-1,3-Dichloropropene	10.11	75	80188	20.879	ug/l	99
55) 1,1,2-Trichloroethane	10.82	97	38888	20.785	ug/l #	92
56) Ethyl methacrylate	10.67	69	47867	20.129	ug/l	94
57) 1,3-Dichloropropane	10.96	76	64921	20.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.96	63	113573	106.856	ug/l	99
59) 2-Hexanone	11.00	43	107740	103.815	ug/l	98
60) Dibromochloromethane	11.16	129	49786	20.164	ug/l	100
61) 1,2-Dibromoethane	11.26	107	37501	20.050	ug/l	100
64) Tetrachloroethene	10.89	164	49193	20.432	ug/l	96
65) Chlorobenzene	11.68	112	147421	20.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.76	131	53972	20.426	ug/l	98
67) Ethyl Benzene	11.76	91	266822	20.545	ug/l	96
68) m/p-Xylenes	11.87	106	204125	40.929	ug/l	99
69) o-Xylene	12.19	106	97820	20.781	ug/l	97
70) Styrene	12.21	104	164192	20.610	ug/l	99
71) Bromoform	12.37	173	29349	19.995	ug/l #	99
73) Isopropylbenzene	12.49	105	259391	20.866	ug/l	99
74) N-amyl acetate	12.30	43	59142	21.733	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	45056	21.744	ug/l	98
76) 1,2,3-Trichloropropane	12.80	75	29783m	25.803	ug/l	
77) Bromobenzene	12.77	156	61451	20.569	ug/l	97
78) n-propylbenzene	12.83	91	310914	21.259	ug/l	97
79) 2-Chlorotoluene	12.92	91	166536	21.111	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	216315	20.874	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	15063	21.799	ug/l	95
82) 4-Chlorotoluene	13.02	91	179584	21.341	ug/l	99
83) tert-Butylbenzene	13.24	119	187947	20.756	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	215978	20.529	ug/l	100
85) sec-Butylbenzene	13.41	105	260321	20.661	ug/l	100
86) p-Isopropyltoluene	13.53	119	243711	20.595	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	120825	20.598	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	122063	20.923	ug/l	98
89) n-Butylbenzene	13.86	91	236829	21.028	ug/l	98
90) Hexachloroethane	14.13	117	45141	20.595	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	107565	21.378	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7694	22.007	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092519\
Data File : VD063828.D
Acq On : 25 Sep 2019 17:53
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
10/1/2019 9:26:06 AM

Quant Time: Sep 26 11:56:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 11:05:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	74356	19.460	ug/l	90
94) Hexachlorobutadiene	15.28	225	43641	20.158	ug/l	100
95) Naphthalene	15.41	128	142574	20.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	68113	20.107	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092519\
Data File : VD063828.D
Acq On : 25 Sep 2019 17:53
Operator : VA/SY
Sample : VSTDIC020
Misc : 5.00µ/5.00mL/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
10/1/2019 9:26:06 AM

Quant Time: Sep 26 11:56:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 11:05:05 2019
Response via : Initial Calibration

