

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082218\
 Data File : VD059878.D
 Acq On : 22 Aug 2018 16:22
 Operator : JC/SY
 Sample : VSTDIC020
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 8/23/2018 10:53:12 AM

Quant Time: Aug 23 01:54:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 01:14:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1165534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1588428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1323446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	711809	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	215331	22.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.98%	
35) Dibromofluoromethane	6.33	113	268747	22.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	44.30%	
50) Toluene-d8	9.47	98	753980	22.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.16%	
62) 4-Bromofluorobenzene	12.44	95	311122	23.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	46.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	210276	20.69	ug/l	96
3) Chloromethane	1.75	50	207372	22.10	ug/l	98
4) Vinyl Chloride	1.84	62	151380	20.53	ug/l	95
5) Bromomethane	2.15	94	48703	56.20	ug/l	88
6) Chloroethane	2.25	64	58433	31.20	ug/l	100
7) Trichlorofluoromethane	2.50	101	189307	23.67	ug/l	100
8) Diethyl Ether	2.83	74	40614	22.19	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.08	101	115223	22.64	ug/l	92
10) Methyl Iodide	3.24	142	84072	17.48	ug/l	96
11) Tert butyl alcohol	3.97	59	85356	111.82	ug/l	96
12) 1,1-Dichloroethene	3.07	96	87725	22.64	ug/l	95
13) Acrolein	2.98	56	34733	114.72	ug/l	97
14) Allyl chloride	3.53	41	197814	21.68	ug/l	99
15) Acrylonitrile	4.08	53	304916	109.46	ug/l	99
16) Acetone	3.16	43	211772	124.70	ug/l	99
17) Carbon Disulfide	3.32	76	270856	22.48	ug/l	98
18) Methyl Acetate	3.55	43	76993	20.56	ug/l	98
19) Methyl tert-butyl Ether	4.12	73	494649	21.33	ug/l	97
20) Methylene Chloride	3.71	84	270132	19.39	ug/l	98
21) trans-1,2-Dichloroethene	4.09	96	234670	21.38	ug/l	96
22) Diisopropyl ether	4.85	45	978334	21.07	ug/l	96
23) Vinyl Acetate	4.80	43	2853714	110.28	ug/l	100
24) 1,1-Dichloroethane	4.75	63	424251	21.19	ug/l	99
25) 2-Butanone	5.63	43	601934	118.68	ug/l	98
26) 2,2-Dichloropropane	5.59	77	346937	21.21	ug/l	94
27) cis-1,2-Dichloroethene	5.60	96	249850	20.51	ug/l	99
28) Bromochloromethane	5.93	49	201553	20.96	ug/l	95
29) Tetrahydrofuran	5.96	42	271986	107.47	ug/l	99
30) Chloroform	6.11	83	425118	20.80	ug/l	99
31) Cyclohexane	6.38	56	384283	21.01	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	367932	21.22	ug/l	98
36) 1,1-Dichloropropene	6.54	75	308443	21.90	ug/l	98
37) Ethyl Acetate	5.70	43	249604	22.08	ug/l	98
38) Carbon Tetrachloride	6.51	117	304599	21.33	ug/l	99

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39) Methylcyclohexane	8.05	83	327689	21.07	ug/l	97
40) Benzene	6.80	78	800742	21.69	ug/l	99
41) Methacrylonitrile	5.92	41	116389m	11.47	ug/l	
42) 1,2-Dichloroethane	6.90	62	259525	21.55	ug/l	99
43) Isopropyl Acetate	8.36	43	318533	21.44	ug/l	97
44) Trichloroethene	7.76	130	230775	21.28	ug/l	99
45) 1,2-Dichloropropane	8.11	63	220640	21.11	ug/l	97
46) Dibromomethane	8.23	93	140648	21.00	ug/l	97
47) Bromodichloromethane	8.50	83	330968	21.86	ug/l	98
48) Methyl methacrylate	8.26	41	183216	21.91	ug/l	98
49) 1,4-Dioxane	8.24	88	33046	433.41	ug/l	95
51) 4-Methyl-2-Pentanone	9.35	43	1296917	125.63	ug/l	97
52) Toluene	9.56	92	506786	21.33	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	304486	21.67	ug/l	94
54) cis-1,3-Dichloropropene	9.11	75	350388	21.42	ug/l	96
55) 1,1,2-Trichloroethane	10.20	97	181428	20.97	ug/l	98
56) Ethyl methacrylate	10.04	69	219828	21.36	ug/l	97
57) 1,3-Dichloropropane	10.39	76	277342	21.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.94	63	511637	104.30	ug/l	98
59) 2-Hexanone	10.50	43	971683	129.79	ug/l	98
60) Dibromochloromethane	10.65	129	235717	21.39	ug/l	98
61) 1,2-Dibromoethane	10.77	107	190071	21.30	ug/l	96
64) Tetrachloroethene	10.26	164	215015	21.26	ug/l	98
65) Chlorobenzene	11.33	112	552738	21.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	209008	22.24	ug/l	99
67) Ethyl Benzene	11.44	91	982108	23.15	ug/l	98
68) m/p-Xylenes	11.57	106	737191	48.15	ug/l	96
69) o-Xylene	11.95	106	348234	23.17	ug/l	99
70) Styrene	11.97	104	602703	23.08	ug/l	98
71) Bromoform	12.12	173	175022	20.99	ug/l	98
73) Isopropylbenzene	12.28	105	947978	21.12	ug/l	99
74) N-amyl acetate	12.14	43	418705	20.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	224790	21.79	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	229962	20.70	ug/l	100
77) Bromobenzene	12.55	156	262690	21.08	ug/l	95
78) n-propylbenzene	12.65	91	1219739	21.87	ug/l	99
79) 2-Chlorotoluene	12.72	91	683302	21.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	766121	21.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	72591	21.22	ug/l	95
82) 4-Chlorotoluene	12.82	91	808125	22.78	ug/l	99
83) tert-Butylbenzene	13.06	119	874457	21.56	ug/l	100
84) 1,2,4-Trimethylbenzene	13.10	105	783509	21.32	ug/l	98
85) sec-Butylbenzene	13.23	105	980582	20.64	ug/l	99
86) p-Isopropyltoluene	13.35	119	839432	21.84	ug/l	99
87) 1,3-Dichlorobenzene	13.33	146	469816	21.24	ug/l	100
88) 1,4-Dichlorobenzene	13.40	146	473093	21.44	ug/l	99
89) n-Butylbenzene	13.66	91	896363	23.74	ug/l	99
90) Hexachloroethane	13.87	117	218199	20.85	ug/l	98
91) 1,2-Dichlorobenzene	13.67	146	424279	23.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	34770	21.36	ug/l	99

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93) 1,2,4-Trichlorobenzene	14.80	180	346974	21.92	ug/l	99
94) Hexachlorobutadiene	14.89	225	228959	21.80	ug/l	98
95) Naphthalene	14.98	128	533763	21.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.13	180	293295	21.12	ug/l	99

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

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