

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061918\
 Data File : VD058197.D
 Acq On : 19 Jun 2018 16:31
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 20 05:02:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:00:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	879436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1155171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	939525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	515046	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	180154	20.06	ug/l	0.00
Spiked Amount			Recovery	=	40.12%	
35) Dibromofluoromethane	5.54	113	189016	20.62	ug/l	0.00
Spiked Amount			Recovery	=	41.24%	
50) Toluene-d8	8.71	98	480252	21.85	ug/l	0.00
Spiked Amount			Recovery	=	43.70%	
62) 4-Bromofluorobenzene	11.93	95	191504	20.36	ug/l	0.00
Spiked Amount			Recovery	=	40.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	219047	19.35	ug/l	98
3) Chloromethane	1.47	50	98778	17.69	ug/l	# 89
4) Vinyl Chloride	1.54	62	98949	18.14	ug/l	99
5) Bromomethane	1.78	94	29613	14.34	ug/l	99
6) Chloroethane	1.87	64	27625	13.16	ug/l	92
7) Trichlorofluoromethane	2.06	101	131526	17.81	ug/l	96
8) Diethyl Ether	2.33	74	29420	20.92	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.54	101	87654	19.70	ug/l	96
10) Methyl Iodide	2.67	142	96429	16.90	ug/l	99
11) Tert butyl alcohol	3.27	59	31061	128.65	ug/l	# 84
12) 1,1-Dichloroethene	2.54	96	63051	18.43	ug/l	91
13) Acrolein	2.46	56	23865	78.80	ug/l	93
14) Allyl chloride	2.91	41	147361	18.44	ug/l	# 90
15) Acrylonitrile	3.34	53	85231	66.09	ug/l	89
16) Acetone	2.61	43	131604	103.77	ug/l	# 90
17) Carbon Disulfide	2.74	76	219350	17.89	ug/l	98
18) Methyl Acetate	2.93	43	53029	21.10	ug/l	99
19) Methyl tert-butyl Ether	3.39	73	168271	11.78	ug/l	100
20) Methylene Chloride	3.06	84	79965	18.79	ug/l	96
21) trans-1,2-Dichloroethene	3.37	96	74269	10.54	ug/l	88
22) Diisopropyl ether	4.06	45	609561	19.44	ug/l	97
23) Vinyl Acetate	4.00	43	1710709	104.63	ug/l	99
24) 1,1-Dichloroethane	3.95	63	328774	19.05	ug/l	100
25) 2-Butanone	4.83	43	294438	103.46	ug/l	96
26) 2,2-Dichloropropane	4.79	77	266313	18.77	ug/l	96
27) cis-1,2-Dichloroethene	4.80	96	183693	20.17	ug/l	97
28) Bromochloromethane	5.14	49	146774	19.45	ug/l	# 100
29) Tetrahydrofuran	5.18	42	153428	101.54	ug/l	99
30) Chloroform	5.31	83	347047	19.87	ug/l	100
31) Cyclohexane	5.58	56	275335	18.47	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	279840	19.14	ug/l	97
36) 1,1-Dichloropropene	5.74	75	245269	19.66	ug/l	96
37) Ethyl Acetate	4.92	43	141075	20.25	ug/l	98
38) Carbon Tetrachloride	5.72	117	234358	19.00	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	241871	19.71	ug/l	98
40) Benzene	6.01	78	589538	20.22	ug/l	98
41) Methacrylonitrile	5.12	41	65110	20.61	ug/l	89
42) 1,2-Dichloroethane	6.12	62	232131	19.63	ug/l	98
43) Isopropyl Acetate	7.62	43	190926	20.93	ug/l	# 100
44) Trichloroethene	6.98	130	182003	21.36	ug/l	99
45) 1,2-Dichloropropane	7.34	63	157634	19.46	ug/l	95
46) Dibromomethane	7.46	93	112016	21.21	ug/l	96
47) Bromodichloromethane	7.74	83	250915	20.61	ug/l	95
48) Methyl methacrylate	7.50	41	111691	19.98	ug/l	94
49) 1,4-Dioxane	7.50	88	21313	445.68	ug/l	89
51) 4-Methyl-2-Pentanone	8.60	43	619422	105.78	ug/l	99
52) Toluene	8.80	92	346092	20.67	ug/l	97
53) t-1,3-Dichloropropene	9.19	75	221453	20.90	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	259596	20.86	ug/l	96
55) 1,1,2-Trichloroethane	9.46	97	117209	21.22	ug/l	95
56) Ethyl methacrylate	9.31	69	138635	20.44	ug/l	98
57) 1,3-Dichloropropane	9.66	76	202834	21.18	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	360735	104.85	ug/l	100
59) 2-Hexanone	9.79	43	458701	107.43	ug/l	98
60) Dibromochloromethane	9.96	129	153303	19.80	ug/l	96
61) 1,2-Dibromoethane	10.10	107	130337	20.56	ug/l	98
64) Tetrachloroethene	9.52	164	160553	19.36	ug/l	89
65) Chlorobenzene	10.73	112	375165	20.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	145472	20.25	ug/l	98
67) Ethyl Benzene	10.86	91	666737	19.86	ug/l	99
68) m/p-Xylenes	11.01	106	447546	40.66	ug/l	100
69) o-Xylene	11.41	106	208968	19.33	ug/l	99
70) Styrene	11.44	104	355973	19.78	ug/l	96
71) Bromoform	11.60	173	112781	20.47	ug/l	96
73) Isopropylbenzene	11.77	105	636551	19.03	ug/l	99
74) N-amyl acetate	11.64	43	242156	18.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	141376	18.92	ug/l	98
76) 1,2,3-Trichloropropane	12.12	75	157725	20.29	ug/l	96
77) Bromobenzene	12.04	156	185250	18.65	ug/l	74
78) n-propylbenzene	12.15	91	808375	18.48	ug/l	100
79) 2-Chlorotoluene	12.21	91	477607	19.16	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	484666	18.41	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	37461	19.56	ug/l	93
82) 4-Chlorotoluene	12.32	91	529413	19.25	ug/l	94
83) tert-Butylbenzene	12.58	119	572176	19.33	ug/l	99
84) 1,2,4-Trimethylbenzene	12.63	105	538909	19.17	ug/l	97
85) sec-Butylbenzene	12.76	105	638915	17.86	ug/l	97
86) p-Isopropyltoluene	12.88	119	546784	19.10	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	328886	19.47	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	318744	19.26	ug/l	97
89) n-Butylbenzene	13.20	91	581030	19.50	ug/l	100
90) Hexachloroethane	13.40	117	133467	18.16	ug/l	92
91) 1,2-Dichlorobenzene	13.20	146	285215	20.54	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.78	75	22682	19.63	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	268430	20.74	ug/l	98
94) Hexachlorobutadiene	14.44	225	202162	20.03	ug/l	98
95) Naphthalene	14.52	128	361340	21.27	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	227390	20.51	ug/l	98

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

