

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
 Data File : VD057957.D
 Acq On : 6 Jun 2018 17:54
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 07 08:19:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:19:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	993117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1272944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1044656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	509862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	49514	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
35) Dibromofluoromethane	5.56	113	50134	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
50) Toluene-d8	8.72	98	120793	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
62) 4-Bromofluorobenzene	11.93	95	54463	5.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.35	85	64517	4.84	ug/l	97
3) Chloromethane	1.49	50	34535	5.26	ug/l	91
4) Vinyl Chloride	1.57	62	29655	4.67	ug/l	95
5) Bromomethane	1.80	94	12867	5.17	ug/l	96
6) Chloroethane	1.89	64	13675	5.45	ug/l	99
7) Trichlorofluoromethane	2.10	101	43601	5.02	ug/l	97
8) Diethyl Ether	2.35	74	6892	4.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.56	101	23148	4.47	ug/l #	87
10) Methyl Iodide	2.71	142	26133	3.91	ug/l	89
11) Tert butyl alcohol	3.28	59	6127	23.04	ug/l #	74
12) 1,1-Dichloroethene	2.56	96	19562	4.91	ug/l	95
13) Acrolein	2.47	56	8621	22.63	ug/l	99
14) Allyl chloride	2.94	41	45003	4.90	ug/l	98
15) Acrylonitrile	3.37	53	39257	25.23	ug/l	88
16) Acetone	2.62	43	38212	26.71	ug/l	96
17) Carbon Disulfide	2.77	76	64103	4.44	ug/l #	90
18) Methyl Acetate	2.95	43	16584	5.99	ug/l	99
19) Methyl tert-butyl Ether	3.42	73	81254	4.64	ug/l	93
20) Methylene Chloride	3.08	84	35826	7.33	ug/l #	93
21) trans-1,2-Dichloroethene	3.40	96	41763	4.71	ug/l	91
22) Diisopropyl ether	4.08	45	176058	4.84	ug/l #	96
23) Vinyl Acetate	4.03	43	426060	22.65	ug/l	100
24) 1,1-Dichloroethane	3.99	63	99702	4.98	ug/l	99
25) 2-Butanone	4.85	43	83038	25.54	ug/l	95
26) 2,2-Dichloropropane	4.81	77	82772	5.02	ug/l	98
27) cis-1,2-Dichloroethene	4.81	96	53230	5.06	ug/l	95
28) Bromochloromethane	5.15	49	34791	4.02	ug/l	86
29) Tetrahydrofuran	5.19	42	42054	24.68	ug/l	97
30) Chloroform	5.33	83	93008	4.62	ug/l	99
31) Cyclohexane	5.60	56	104355	6.04	ug/l	96
32) 1,1,1-Trichloroethane	5.52	97	79793	4.73	ug/l	92
36) 1,1-Dichloropropene	5.75	75	76490	5.45	ug/l	95
37) Ethyl Acetate	4.94	43	39926	5.22	ug/l	99
38) Carbon Tetrachloride	5.73	117	68119	4.93	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	71029	5.11	ug/l	96
40) Benzene	6.02	78	176648	5.39	ug/l	100
41) Methacrylonitrile	5.13	41	18683	5.34	ug/l	95
42) 1,2-Dichloroethane	6.14	62	64917	4.90	ug/l	99
43) Isopropyl Acetate	7.62	43	48324	4.82	ug/l #	96
44) Trichloroethene	6.98	130	47643	4.98	ug/l	98
45) 1,2-Dichloropropane	7.35	63	44726	4.91	ug/l	97
46) Dibromomethane	7.47	93	29258	5.00	ug/l	91
47) Bromodichloromethane	7.74	83	63284	4.62	ug/l	100
48) Methyl methacrylate	7.51	41	29551	4.79	ug/l	97
49) 1,4-Dioxane	7.49	88	5233	102.39	ug/l #	66
51) 4-Methyl-2-Pentanone	8.60	43	171352	26.65	ug/l	97
52) Toluene	8.80	92	102616	5.46	ug/l	95
53) t-1,3-Dichloropropene	9.19	75	56098	4.75	ug/l	93
54) cis-1,3-Dichloropropene	8.36	75	65461	4.71	ug/l	93
55) 1,1,2-Trichloroethane	9.45	97	31331	5.15	ug/l	97
56) Ethyl methacrylate	9.32	69	36268	4.86	ug/l #	86
57) 1,3-Dichloropropane	9.67	76	53705	5.03	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	103927	27.56	ug/l	100
59) 2-Hexanone	9.79	43	117437	24.93	ug/l	94
60) Dibromochloromethane	9.96	129	38724	4.51	ug/l	99
61) 1,2-Dibromoethane	10.09	107	34953	4.99	ug/l	92
64) Tetrachloroethene	9.51	164	46594	4.99	ug/l	94
65) Chlorobenzene	10.72	112	110353	5.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	40711	5.01	ug/l	94
67) Ethyl Benzene	10.86	91	212544	5.56	ug/l	99
68) m/p-Xylenes	11.02	106	135405	10.87	ug/l	90
69) o-Xylene	11.40	106	62609	5.06	ug/l	88
70) Styrene	11.43	104	105165	5.14	ug/l	98
71) Bromoform	11.60	173	25189	4.12	ug/l	90
73) Isopropylbenzene	11.78	105	178865	5.30	ug/l	95
74) N-amyl acetate	11.65	43	65357	5.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	38399	5.22	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	38825	5.07	ug/l	98
77) Bromobenzene	12.04	156	52311	5.23	ug/l	88
78) n-propylbenzene	12.15	91	246070	5.60	ug/l	98
79) 2-Chlorotoluene	12.21	91	133330	5.32	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	146907	4.54	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.85	75	7897	4.16	ug/l #	93
82) 4-Chlorotoluene	12.33	91	166850	6.09	ug/l	94
83) tert-Butylbenzene	12.57	119	160192	5.39	ug/l	93
84) 1,2,4-Trimethylbenzene	12.62	105	143082	5.05	ug/l	91
85) sec-Butylbenzene	12.75	105	195533	5.45	ug/l	98
86) p-Isopropyltoluene	12.89	119	156954	5.43	ug/l	92
87) 1,3-Dichlorobenzene	12.84	146	92197	5.45	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	88517	5.37	ug/l	98
89) n-Butylbenzene	13.19	91	177717	5.97	ug/l	98
90) Hexachloroethane	13.40	117	33709	4.57	ug/l	73
91) 1,2-Dichlorobenzene	13.19	146	77826	5.70	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.78	75	5247	4.62	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	65829	5.16	ug/l	97
94) Hexachlorobutadiene	14.44	225	50349	5.01	ug/l	97
95) Naphthalene	14.51	128	81096	4.93	ug/l	96
96) 1,2,3-Trichlorobenzene	14.66	180	55657	5.12	ug/l	96

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

