

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
 Data File : VD057959.D
 Acq On : 6 Jun 2018 18:50
 Operator : JC/SY
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 07 08:20:54 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	921894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1218300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	953468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	520540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	196973	21.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.74%	
35) Dibromofluoromethane	5.56	113	207436	22.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.02%	
50) Toluene-d8	8.71	98	505808	22.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.14%	
62) 4-Bromofluorobenzene	11.93	95	214984	21.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	277517	22.43	ug/l	97
3) Chloromethane	1.49	50	133783	21.95	ug/l	93
4) Vinyl Chloride	1.56	62	124148	21.05	ug/l	99
5) Bromomethane	1.80	94	42071	18.20	ug/l	98
6) Chloroethane	1.89	64	40978	17.61	ug/l	99
7) Trichlorofluoromethane	2.09	101	162497	20.15	ug/l	99
8) Diethyl Ether	2.35	74	29720	19.84	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.57	101	105688	21.98	ug/l	93
10) Methyl Iodide	2.69	142	123732	19.94	ug/l	94
11) Tert butyl alcohol	3.28	59	23159	93.80	ug/l	95
12) 1,1-Dichloroethene	2.55	96	75537	20.43	ug/l	93
13) Acrolein	2.48	56	38509	108.91	ug/l	98
14) Allyl chloride	2.93	41	173561	20.35	ug/l	96
15) Acrylonitrile	3.37	53	149375	103.42	ug/l	93
16) Acetone	2.62	43	125757	94.71	ug/l	95
17) Carbon Disulfide	2.76	76	271810	20.29	ug/l	99
18) Methyl Acetate	2.94	43	53788	20.94	ug/l	99
19) Methyl tert-butyl Ether	3.41	73	347046	21.33	ug/l	100
20) Methylene Chloride	3.08	84	89266	19.67	ug/l	91
21) trans-1,2-Dichloroethene	3.39	96	179144	21.75	ug/l	98
22) Diisopropyl ether	4.07	45	730563	21.62	ug/l	92
23) Vinyl Acetate	4.02	43	1846631	105.77	ug/l	99
24) 1,1-Dichloroethane	3.98	63	396939	21.37	ug/l	99
25) 2-Butanone	4.84	43	309374	102.52	ug/l	97
26) 2,2-Dichloropropane	4.80	77	323853	21.17	ug/l	99
27) cis-1,2-Dichloroethene	4.81	96	206761	21.17	ug/l	99
28) Bromochloromethane	5.15	49	175156	21.79	ug/l	92
29) Tetrahydrofuran	5.19	42	167244	105.72	ug/l	99
30) Chloroform	5.33	83	399094	21.35	ug/l	98
31) Cyclohexane	5.60	56	333385	20.80	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	333916	21.34	ug/l	97
36) 1,1-Dichloropropene	5.75	75	298942	22.27	ug/l	98
37) Ethyl Acetate	4.93	43	157147	21.46	ug/l	96
38) Carbon Tetrachloride	5.73	117	274298	20.74	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	287823	21.63	ug/l	99
40) Benzene	6.01	78	696580	22.22	ug/l	99
41) Methacrylonitrile	5.13	41	68207	20.37	ug/l #	94
42) 1,2-Dichloroethane	6.13	62	274392	21.64	ug/l	99
43) Isopropyl Acetate	7.62	43	203529	21.22	ug/l #	99
44) Trichloroethene	6.99	130	193587	21.14	ug/l	94
45) 1,2-Dichloropropane	7.35	63	194354	22.30	ug/l	97
46) Dibromomethane	7.47	93	114763	20.50	ug/l	97
47) Bromodichloromethane	7.74	83	278695	21.26	ug/l	99
48) Methyl methacrylate	7.51	41	122816	20.80	ug/l	98
49) 1,4-Dioxane	7.49	88	19377	396.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.60	43	630333	102.44	ug/l	98
52) Toluene	8.81	92	401950	22.34	ug/l	99
53) t-1,3-Dichloropropene	9.19	75	243539	21.57	ug/l	97
54) cis-1,3-Dichloropropene	8.36	75	293478	22.06	ug/l	98
55) 1,1,2-Trichloroethane	9.46	97	122464	21.03	ug/l	96
56) Ethyl methacrylate	9.32	69	153523	21.49	ug/l	99
57) 1,3-Dichloropropane	9.66	76	221442	21.68	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	396451	109.84	ug/l	95
59) 2-Hexanone	9.79	43	490961	108.88	ug/l	95
60) Dibromochloromethane	9.96	129	172245	20.97	ug/l	98
61) 1,2-Dibromoethane	10.10	107	138602	20.69	ug/l	92
64) Tetrachloroethene	9.52	164	187408	21.99	ug/l	99
65) Chlorobenzene	10.73	112	429116	22.23	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	162733	21.94	ug/l	99
67) Ethyl Benzene	10.85	91	784559	22.50	ug/l	100
68) m/p-Xylenes	11.01	106	532881	46.87	ug/l	98
69) o-Xylene	11.41	106	255710	22.66	ug/l	100
70) Styrene	11.44	104	420206	22.49	ug/l	98
71) Bromoform	11.60	173	115202	20.65	ug/l	91
73) Isopropylbenzene	11.77	105	709143	20.57	ug/l	99
74) N-amyl acetate	11.64	43	266320	20.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	154763	20.59	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	154534	19.76	ug/l	99
77) Bromobenzene	12.04	156	210196	20.60	ug/l	94
78) n-propylbenzene	12.15	91	953713	21.26	ug/l	99
79) 2-Chlorotoluene	12.21	91	521126	20.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	559711	16.94	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	39026	20.15	ug/l	92
82) 4-Chlorotoluene	12.32	91	582040	20.82	ug/l	98
83) tert-Butylbenzene	12.58	119	622829	20.51	ug/l	93
84) 1,2,4-Trimethylbenzene	12.63	105	612985	21.20	ug/l	99
85) sec-Butylbenzene	12.75	105	786878	21.48	ug/l	100
86) p-Isopropyltoluene	12.88	119	611874	20.72	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	370136	21.44	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	351016	20.87	ug/l	97
89) n-Butylbenzene	13.20	91	672098	22.11	ug/l	98
90) Hexachloroethane	13.40	117	158639	21.05	ug/l	85
91) 1,2-Dichlorobenzene	13.20	146	305282	21.88	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	21430	18.47	ug/l #	37

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	259857	19.94	ug/l	97
94) Hexachlorobutadiene	14.44	225	202469	19.75	ug/l	97
95) Naphthalene	14.52	128	342224	20.36	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	227601	20.49	ug/l	98

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

