

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058300.D
 Acq On : 22 Jun 2018 16:57
 Operator : VA/AP
 Sample : J3663-03MS
 Misc : 5.60g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB472-13-15-180618MS

Manual Integrations
 APPROVED

apatel
 6/24/2018 11:57:04 AM

Quant Time: Jun 22 22:59:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	491538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	681720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	569045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	303883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	320372	64.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.06%	
35) Dibromofluoromethane	5.55	113	330583	59.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.16%	
50) Toluene-d8	8.70	98	743557	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
62) 4-Bromofluorobenzene	11.93	95	325652	59.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	417989	94.68	ug/l	98
3) Chloromethane	1.48	50	205748	100.30	ug/l	100
4) Vinyl Chloride	1.55	62	224986	87.38	ug/l	99
5) Bromomethane	1.80	94	96002	Below	Cal	95
6) Chloroethane	1.88	64	108273	Below	Cal	98
7) Trichlorofluoromethane	2.08	101	338261	95.81	ug/l	94
8) Diethyl Ether	2.34	74	63250	84.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.55	101	201543	89.80	ug/l	91
10) Methyl Iodide	2.69	142	240613	94.25	ug/l #	94
11) Tert butyl alcohol	3.26	59	63594	388.36	ug/l #	75
12) 1,1-Dichloroethene	2.55	96	144888	85.80	ug/l	97
13) Acrolein	2.47	56	17924	191.74	ug/l	92
14) Allyl chloride	2.92	41	338791	86.20	ug/l #	96
15) Acrylonitrile	3.35	53	150097m	345.69	ug/l	
16) Acetone	2.61	43	772833	1138.21	ug/l	94
17) Carbon Disulfide	2.75	76	447697	77.92	ug/l	97
18) Methyl Acetate	2.93	43	101806	70.31	ug/l	99
19) Methyl tert-butyl Ether	3.41	73	474919	106.03	ug/l	99
20) Methylene Chloride	3.07	84	162899	96.31	ug/l	98
21) trans-1,2-Dichloroethene	3.38	96	187140	101.40	ug/l	91
22) Diisopropyl ether	4.06	45	1333479	85.42	ug/l	95
23) Vinyl Acetate	4.01	43	3335508	398.60	ug/l	100
24) 1,1-Dichloroethane	3.97	63	769224	91.47	ug/l	98
25) 2-Butanone	4.83	43	948846	641.17	ug/l	99
26) 2,2-Dichloropropane	4.79	77	647990	92.02	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	623706	135.24	ug/l	98
28) Bromochloromethane	5.15	49	314784	83.50	ug/l #	94
29) Tetrahydrofuran	5.19	42	266812	338.72	ug/l	98
30) Chloroform	5.31	83	790754	89.06	ug/l	97
31) Cyclohexane	5.59	56	545368	93.91	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	653107	89.03	ug/l	98
36) 1,1-Dichloropropene	5.74	75	538473	79.84	ug/l	97
37) Ethyl Acetate	4.92	43	272792	70.99	ug/l	97
38) Carbon Tetrachloride	5.72	117	542435	80.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	497689	75.77	ug/l	98
40) Benzene	6.01	78	1363968	84.90	ug/l	99
41) Methacrylonitrile	5.12	41	131970	71.13	ug/l	96
42) 1,2-Dichloroethane	6.12	62	511946	79.03	ug/l	100
43) Isopropyl Acetate	7.62	43	353681	69.04	ug/l	99
44) Trichloroethene	6.98	130	399766	82.87	ug/l	100
45) 1,2-Dichloropropane	7.34	63	358883	82.95	ug/l	97
46) Dibromomethane	7.46	93	226559	76.71	ug/l	99
47) Bromodichloromethane	7.74	83	576250	85.56	ug/l	98
48) Methyl methacrylate	7.50	41	213950	68.72	ug/l	99
49) 1,4-Dioxane	7.48	88	42236	1502.80	ug/l #	75
51) 4-Methyl-2-Pentanone	8.59	43	1589362	475.65	ug/l	100
52) Toluene	8.80	92	805981	88.11	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	452377	77.25	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	561046	81.73	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	245181	75.76	ug/l	97
56) Ethyl methacrylate	9.31	69	273869	70.76	ug/l	96
57) 1,3-Dichloropropane	9.66	76	418666	76.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	694542	362.47	ug/l	96
59) 2-Hexanone	9.78	43	928967	384.75	ug/l	98
60) Dibromochloromethane	9.95	129	349003	79.46	ug/l	94
61) 1,2-Dibromoethane	10.09	107	275005	77.64	ug/l	99
64) Tetrachloroethene	9.51	164	382203	79.82	ug/l	96
65) Chlorobenzene	10.72	112	2437180	228.97	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.85	131	310405	75.57	ug/l	98
67) Ethyl Benzene	10.86	91	1462097	77.80	ug/l	100
68) m/p-Xylenes	11.00	106	1020514	162.85	ug/l	96
69) o-Xylene	11.41	106	468505	78.28	ug/l	96
70) Styrene	11.43	104	783906	76.75	ug/l	97
71) Bromoform	11.59	173	238622	72.82	ug/l	98
73) Isopropylbenzene	11.77	105	1340476	73.75	ug/l	100
74) N-amyl acetate	11.64	43	487853	69.41	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	285776	67.56	ug/l	98
76) 1,2,3-Trichloropropane	12.11	75	292144	65.85	ug/l	100
77) Bromobenzene	12.04	156	419918	77.15	ug/l	88
78) n-propylbenzene	12.16	91	1807027	76.98	ug/l	99
79) 2-Chlorotoluene	12.21	91	1030978	76.75	ug/l	98
80) 1,3,5-Trimethylbenzene	12.31	105	1180604	83.27	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	73379	67.81	ug/l	91
82) 4-Chlorotoluene	12.32	91	1127796	90.57	ug/l	91
83) tert-Butylbenzene	12.58	119	1245737	76.43	ug/l	94
84) 1,2,4-Trimethylbenzene	12.63	105	1558960	101.16	ug/l	100
85) sec-Butylbenzene	12.76	105	1337258	69.99	ug/l	97
86) p-Isopropyltoluene	12.88	119	1164059	75.19	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	1344001	142.07	ug/l	100
88) 1,4-Dichlorobenzene	12.92	146	1942350	210.25	ug/l	94
89) n-Butylbenzene	13.19	91	582479	35.80	ug/l	96
90) Hexachloroethane	13.40	117	308770	76.84	ug/l	74
91) 1,2-Dichlorobenzene	13.20	146	5944350	738.36	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	48306	71.76	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	569031	73.90	µg/l	97
94) Hexachlorobutadiene	14.43	225	416089	69.09	µg/l	98
95) Naphthalene	14.52	128	1022747	100.84	µg/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	451484	66.98	µg/l	98

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

