

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059395.D
 Acq On : 25 Jun 2018 11:28
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062518

Quant Time: Jun 26 06:44:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	1093253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1381071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1089573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	558097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	532505	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	5.55	113	545464	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1261768	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.93	95	554824	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.36	85	437227	44.95	ug/l	97
3) Chloromethane	1.49	50	227204	44.89	ug/l	# 85
4) Vinyl Chloride	1.56	62	244742	46.61	ug/l	93
5) Bromomethane	1.81	94	94923	52.88	ug/l	94
6) Chloroethane	1.89	64	110337	49.08	ug/l	99
7) Trichlorofluoromethane	2.09	101	372661	49.22	ug/l	96
8) Diethyl Ether	2.35	74	77719	45.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.57	101	223531	47.51	ug/l	92
10) Methyl Iodide	2.70	142	278406	50.66	ug/l	95
11) Tert butyl alcohol	3.27	59	90775	234.70	ug/l	95
12) 1,1-Dichloroethene	2.56	96	171843	47.70	ug/l	92
13) Acrolein	2.48	56	123340	356.71	ug/l	99
14) Allyl chloride	2.93	41	406852	49.34	ug/l	97
15) Acrylonitrile	3.37	53	317922	267.83	ug/l	95
16) Acetone	2.62	43	405435	287.33	ug/l	96
17) Carbon Disulfide	2.76	76	523646	47.46	ug/l	97
18) Methyl Acetate	2.94	43	134922	44.88	ug/l	94
19) Methyl tert-butyl Ether	3.41	73	822973	46.41	ug/l	99
20) Methylene Chloride	3.08	84	211945	54.38	ug/l	97
21) trans-1,2-Dichloroethene	3.39	96	362633	56.94	ug/l	93
22) Diisopropyl ether	4.07	45	1397678	45.05	ug/l	92
23) Vinyl Acetate	4.02	43	3835877	237.31	ug/l	100
24) 1,1-Dichloroethane	3.98	63	812657	45.78	ug/l	98
25) 2-Butanone	4.84	43	653336	221.03	ug/l	96
26) 2,2-Dichloropropane	4.80	77	716290	52.03	ug/l	99
27) cis-1,2-Dichloroethene	4.81	96	449799	42.02	ug/l	97
28) Bromochloromethane	5.15	49	355147	46.15	ug/l	99
29) Tetrahydrofuran	5.19	42	323290	199.96	ug/l	96
30) Chloroform	5.32	83	891182	46.06	ug/l	95
31) Cyclohexane	5.60	56	560864	47.70	ug/l	97
32) 1,1,1-Trichloroethane	5.52	97	751843	47.99	ug/l	97
36) 1,1-Dichloropropene	5.76	75	577162	46.07	ug/l	98
37) Ethyl Acetate	4.93	43	326526	42.80	ug/l	99
38) Carbon Tetrachloride	5.73	117	637164	49.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	557796	46.94	ug/l	97
40) Benzene	6.02	78	1340651	44.59	ug/l	98
41) Methacrylonitrile	5.13	41	154492	42.04	ug/l	99
42) 1,2-Dichloroethane	6.13	62	607429	45.73	ug/l	95
43) Isopropyl Acetate	7.62	43	442866	46.22	ug/l	100
44) Trichloroethene	6.99	130	466607	47.40	ug/l	91
45) 1,2-Dichloropropane	7.35	63	376542	45.22	ug/l	95
46) Dibromomethane	7.46	93	276078	46.10	ug/l	96
47) Bromodichloromethane	7.74	83	646940	48.28	ug/l	99
48) Methyl methacrylate	7.51	41	255526	43.77	ug/l	99
49) 1,4-Dioxane	7.49	88	51695	883.02	ug/l	94
51) 4-Methyl-2-Pentanone	8.60	43	1384565	216.86	ug/l	98
52) Toluene	8.81	92	787859	43.88	ug/l	96
53) t-1,3-Dichloropropene	9.19	75	544220	48.60	ug/l	100
54) cis-1,3-Dichloropropene	8.36	75	621116	47.91	ug/l	94
55) 1,1,2-Trichloroethane	9.46	97	290956	44.63	ug/l	96
56) Ethyl methacrylate	9.31	69	344384	46.30	ug/l	98
57) 1,3-Dichloropropane	9.66	76	461164	43.25	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.19	63	911584	238.05	ug/l	98
59) 2-Hexanone	9.78	43	1089235	240.03	ug/l	100
60) Dibromochloromethane	9.96	129	435420	47.70	ug/l	98
61) 1,2-Dibromoethane	10.10	107	324088	44.64	ug/l	98
64) Tetrachloroethene	9.52	164	421034	44.05	ug/l	97
65) Chlorobenzene	10.73	112	942098	47.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	374949	49.03	ug/l	97
67) Ethyl Benzene	10.86	91	1571961	46.76	ug/l	100
68) m/p-Xylenes	11.01	106	1075689	96.44	ug/l	95
69) o-Xylene	11.41	106	521306	47.27	ug/l	99
70) Styrene	11.44	104	885811	46.86	ug/l	99
71) Bromoform	11.60	173	320914	50.65	ug/l	94
73) Isopropylbenzene	11.77	105	1528329	48.53	ug/l	99
74) N-amyl acetate	11.64	43	568858	47.47	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	350968	47.50	ug/l	94
76) 1,2,3-Trichloropropane	12.12	75	363730	47.25	ug/l	96
77) Bromobenzene	12.04	156	488032	49.23	ug/l	100
78) n-propylbenzene	12.15	91	2005277	50.27	ug/l	100
79) 2-Chlorotoluene	12.21	91	1174374	50.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	1195081	47.67	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	95504	54.58	ug/l	93
82) 4-Chlorotoluene	12.32	91	1234349	46.47	ug/l	100
83) tert-Butylbenzene	12.58	119	1440819	54.02	ug/l	97
84) 1,2,4-Trimethylbenzene	12.63	105	1289041	48.58	ug/l	99
85) sec-Butylbenzene	12.76	105	1590656	48.60	ug/l	98
86) p-Isopropyltoluene	12.88	119	1368421	51.88	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	801698	49.16	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	771231	47.92	ug/l	99
89) n-Butylbenzene	13.20	91	1299341	49.90	ug/l	99
90) Hexachloroethane	13.40	117	377100	57.30	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	618875	44.76	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	58113	47.70	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	651786	50.99	ug/l	95
94) Hexachlorobutadiene	14.44	225	498340	51.81	ug/l	97
95) Naphthalene	14.52	128	833992	46.81	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	550569	47.90	ug/l	98

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

