

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059393.D
 Acq On : 25 Jun 2018 3:40
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062518

Quant Time: Jun 25 07:33:58 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	836931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1105486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	904422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	455460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	479645	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	
35) Dibromofluoromethane	5.56	113	488756	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
50) Toluene-d8	8.71	98	1144836	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
62) 4-Bromofluorobenzene	11.94	95	498190	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.35	85	395786	53.15	ug/l	99
3) Chloromethane	1.50	50	220241	56.84	ug/l	91
4) Vinyl Chloride	1.56	62	241382	60.05	ug/l	97
5) Bromomethane	1.81	94	98637	72.98	ug/l	99
6) Chloroethane	1.89	64	105506	66.29	ug/l	93
7) Trichlorofluoromethane	2.10	101	344395	59.42	ug/l	98
8) Diethyl Ether	2.35	74	80363	61.27	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.57	101	204779	56.85	ug/l	91
10) Methyl Iodide	2.71	142	264077	62.77	ug/l	96
11) Tert butyl alcohol	3.28	59	90722	306.40	ug/l	98
12) 1,1-Dichloroethene	2.56	96	160313	58.13	ug/l	90
13) Acrolein	2.48	56	74690	282.17	ug/l	92
14) Allyl chloride	2.93	41	379965	60.20	ug/l	99
15) Acrylonitrile	3.37	53	260957	287.17	ug/l	95
16) Acetone	2.63	43	295665	273.71	ug/l	94
17) Carbon Disulfide	2.77	76	491265	58.17	ug/l	98
18) Methyl Acetate	2.95	43	133491	57.63	ug/l	98
19) Methyl tert-butyl Ether	3.42	73	748967	55.18	ug/l	97
20) Methylene Chloride	3.08	84	176305	59.32	ug/l	99
21) trans-1,2-Dichloroethene	3.41	96	273571	56.11	ug/l	98
22) Diisopropyl ether	4.08	45	1410724	59.40	ug/l	99
23) Vinyl Acetate	4.04	43	3844464	310.69	ug/l	100
24) 1,1-Dichloroethane	3.99	63	789472	58.09	ug/l	97
25) 2-Butanone	4.85	43	626617	276.92	ug/l	95
26) 2,2-Dichloropropane	4.81	77	587009	55.70	ug/l	97
27) cis-1,2-Dichloroethene	4.81	96	452523	55.23	ug/l	97
28) Bromochloromethane	5.16	49	332315	56.40	ug/l	94
29) Tetrahydrofuran	5.20	42	343512	277.54	ug/l	99
30) Chloroform	5.33	83	845428	57.08	ug/l	94
31) Cyclohexane	5.60	56	534605	60.43	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	698495	58.23	ug/l	95
36) 1,1-Dichloropropene	5.76	75	543713	54.22	ug/l	98
37) Ethyl Acetate	4.94	43	338695	55.46	ug/l	98
38) Carbon Tetrachloride	5.74	117	599762	58.01	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	520507	54.73	ug/l	95
40) Benzene	6.02	78	1328956	55.22	ug/l	98
41) Methacrylonitrile	5.14	41	160040	54.41	ug/l #	89
42) 1,2-Dichloroethane	6.14	62	600616	56.48	ug/l	98
43) Isopropyl Acetate	7.63	43	449159	58.56	ug/l	99
44) Trichloroethene	6.99	130	431834	54.80	ug/l	96
45) 1,2-Dichloropropane	7.36	63	364255	54.65	ug/l	97
46) Dibromomethane	7.47	93	267267	55.76	ug/l	93
47) Bromodichloromethane	7.76	83	625641	58.33	ug/l #	96
48) Methyl methacrylate	7.51	41	274357	58.72	ug/l	94
49) 1,4-Dioxane	7.50	88	52816	1127.06	ug/l	96
51) 4-Methyl-2-Pentanone	8.60	43	1410946	276.08	ug/l	100
52) Toluene	8.81	92	776902	54.05	ug/l	99
53) t-1,3-Dichloropropene	9.19	75	521528	58.19	ug/l	99
54) cis-1,3-Dichloropropene	8.37	75	580986	55.98	ug/l	93
55) 1,1,2-Trichloroethane	9.46	97	291232	55.81	ug/l	94
56) Ethyl methacrylate	9.32	69	343065	57.62	ug/l	95
57) 1,3-Dichloropropane	9.68	76	478331	56.05	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.20	63	837707	273.29	ug/l	99
59) 2-Hexanone	9.79	43	1030191	283.62	ug/l	98
60) Dibromochloromethane	9.96	129	430359	58.89	ug/l	99
61) 1,2-Dibromoethane	10.10	107	331719	57.09	ug/l	97
64) Tetrachloroethene	9.52	164	432372	54.50	ug/l	98
65) Chlorobenzene	10.73	112	909433	54.99	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.86	131	359689	56.66	ug/l	97
67) Ethyl Benzene	10.87	91	1530951	54.86	ug/l	100
68) m/p-Xylenes	11.01	106	1041563	112.50	ug/l	94
69) o-Xylene	11.41	106	517412	56.53	ug/l	95
70) Styrene	11.44	104	845474	53.88	ug/l	98
71) Bromoform	11.61	173	321093	61.06	ug/l	93
73) Isopropylbenzene	11.78	105	1466098	57.04	ug/l	98
74) N-amyl acetate	11.65	43	588622	60.19	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	341546	56.64	ug/l	99
76) 1,2,3-Trichloropropane	12.12	75	346791	55.20	ug/l	96
77) Bromobenzene	12.05	156	466591	57.68	ug/l	84
78) n-propylbenzene	12.16	91	1869895	57.44	ug/l	98
79) 2-Chlorotoluene	12.22	91	1101260	57.61	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	1144205	55.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.85	75	87703	61.42	ug/l	88
82) 4-Chlorotoluene	12.33	91	1186807	54.75	ug/l	90
83) tert-Butylbenzene	12.58	119	1312967	60.32	ug/l	93
84) 1,2,4-Trimethylbenzene	12.63	105	1274756	58.87	ug/l	98
85) sec-Butylbenzene	12.76	105	1510769	56.57	ug/l	98
86) p-Isopropyltoluene	12.89	119	1274098	59.19	ug/l	97
87) 1,3-Dichlorobenzene	12.85	146	779012	58.53	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	770234	58.65	ug/l	97
89) n-Butylbenzene	13.20	91	1204070	56.66	ug/l	98
90) Hexachloroethane	13.41	117	337069	62.76	ug/l	73
91) 1,2-Dichlorobenzene	13.20	146	639511	56.68	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.78	75	61024	61.37	ug/l #	54

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	590793	56.63	ug/l	96
94) Hexachlorobutadiene	14.44	225	470549	59.94	ug/l	97
95) Naphthalene	14.52	128	861365	59.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	544255	58.02	ug/l	97

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

