

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061918\
 Data File : VD058199.D
 Acq On : 19 Jun 2018 17:28
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Jun 20 05:03:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:00:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	883849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1128890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	902122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	465972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	647307	71.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.46%	
35) Dibromofluoromethane	5.54	113	662771	73.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.96%	
50) Toluene-d8	8.70	98	1590799	74.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.10%	
62) 4-Bromofluorobenzene	11.93	95	664700	72.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.33	85	582763	51.23	ug/l	100
3) Chloromethane	1.47	50	278408	49.60	ug/l	99
4) Vinyl Chloride	1.54	62	311570	56.83	ug/l	99
5) Bromomethane	1.77	94	106062	51.11	ug/l	97
6) Chloroethane	1.86	64	118598	56.23	ug/l	92
7) Trichlorofluoromethane	2.07	101	430213	57.98	ug/l	97
8) Diethyl Ether	2.34	74	90019	63.68	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.54	101	271884	60.79	ug/l	99
10) Methyl Iodide	2.68	142	346589	60.46	ug/l #	94
11) Tert butyl alcohol	3.26	59	93278	384.40	ug/l #	95
12) 1,1-Dichloroethene	2.53	96	206643	60.11	ug/l	93
13) Acrolein	2.45	56	44747	147.01	ug/l	97
14) Allyl chloride	2.91	41	486504	60.58	ug/l	99
15) Acrylonitrile	3.34	53	256942	198.25	ug/l	91
16) Acetone	2.60	43	379424	297.69	ug/l #	89
17) Carbon Disulfide	2.74	76	698446	56.68	ug/l	99
18) Methyl Acetate	2.93	43	161000	63.74	ug/l	98
19) Methyl tert-butyl Ether	3.39	73	552140	38.46	ug/l	100
20) Methylene Chloride	3.05	84	219097	51.23	ug/l	95
21) trans-1,2-Dichloroethene	3.37	96	220473	31.13	ug/l	87
22) Diisopropyl ether	4.06	45	1830979	58.11	ug/l	97
23) Vinyl Acetate	4.01	43	5007359	304.72	ug/l	99
24) 1,1-Dichloroethane	3.96	63	1032871	59.55	ug/l	97
25) 2-Butanone	4.84	43	845096	295.46	ug/l	100
26) 2,2-Dichloropropane	4.79	77	834934	58.56	ug/l	99
27) cis-1,2-Dichloroethene	4.79	96	539200	58.90	ug/l	94
28) Bromochloromethane	5.13	49	472209	62.27	ug/l #	97
29) Tetrahydrofuran	5.18	42	438559	288.78	ug/l	100
30) Chloroform	5.31	83	1064989	60.67	ug/l	94
31) Cyclohexane	5.58	56	751426	50.17	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	896871	61.02	ug/l	99
36) 1,1-Dichloropropene	5.74	75	721990	59.23	ug/l	97
37) Ethyl Acetate	4.91	43	401759	59.01	ug/l	99
38) Carbon Tetrachloride	5.71	117	765030	63.46	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	709033	59.12	ug/l	98
40) Benzene	6.01	78	1755054	61.60	ug/l	100
41) Methacrylonitrile	5.11	41	221414	71.73	ug/l	94
42) 1,2-Dichloroethane	6.13	62	741346	64.16	ug/l	100
43) Isopropyl Acetate	7.61	43	560958	62.94	ug/l #	99
44) Trichloroethene	6.97	130	537640	64.58	ug/l	100
45) 1,2-Dichloropropane	7.35	63	479320	60.55	ug/l	99
46) Dibromomethane	7.45	93	333715	64.66	ug/l	93
47) Bromodichloromethane	7.74	83	790102	66.42	ug/l	97
48) Methyl methacrylate	7.50	41	342714	62.74	ug/l	99
49) 1,4-Dioxane	7.48	88	65326	1397.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.60	43	1752724	306.28	ug/l	98
52) Toluene	8.80	92	997955	60.98	ug/l	99
53) t-1,3-Dichloropropene	9.19	75	681061	65.78	ug/l	97
54) cis-1,3-Dichloropropene	8.36	75	780308	64.15	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	342839	63.52	ug/l	96
56) Ethyl methacrylate	9.32	69	432647	65.26	ug/l	99
57) 1,3-Dichloropropane	9.67	76	602783	64.41	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.18	63	1012927	301.28	ug/l	99
59) 2-Hexanone	9.79	43	1303282	312.35	ug/l	97
60) Dibromochloromethane	9.96	129	515519	68.15	ug/l	94
61) 1,2-Dibromoethane	10.09	107	398414	64.33	ug/l	95
64) Tetrachloroethene	9.51	164	504770	63.39	ug/l	98
65) Chlorobenzene	10.72	112	1122614	62.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	446016	64.65	ug/l	97
67) Ethyl Benzene	10.86	91	1879341	58.31	ug/l	99
68) m/p-Xylenes	11.02	106	1258629	119.10	ug/l	98
69) o-Xylene	11.40	106	608936	58.67	ug/l	93
70) Styrene	11.43	104	1037859	60.05	ug/l	95
71) Bromoform	11.60	173	381803	72.16	ug/l	98
73) Isopropylbenzene	11.78	105	1800088	59.50	ug/l	99
74) N-amyl acetate	11.65	43	730043	61.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	424472	62.80	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	422128	60.01	ug/l	98
77) Bromobenzene	12.04	156	568406	63.26	ug/l	92
78) n-propylbenzene	12.16	91	2352015	59.42	ug/l	98
79) 2-Chlorotoluene	12.22	91	1335049	59.20	ug/l	94
80) 1,3,5-Trimethylbenzene	12.32	105	1412412	59.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.85	75	118670	68.50	ug/l	89
82) 4-Chlorotoluene	12.33	91	1443584	58.01	ug/l	95
83) tert-Butylbenzene	12.57	119	1632190	60.94	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	1549574	60.92	ug/l	97
85) sec-Butylbenzene	12.76	105	1933011	59.74	ug/l	97
86) p-Isopropyltoluene	12.89	119	1586669	61.25	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	955512	62.53	ug/l	96
88) 1,4-Dichlorobenzene	12.93	146	939224	62.74	ug/l	96
89) n-Butylbenzene	13.19	91	1545097	57.31	ug/l	99
90) Hexachloroethane	13.40	117	432385	65.01	ug/l	79
91) 1,2-Dichlorobenzene	13.19	146	766860	61.05	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	70446	67.40	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	797891	68.14	ug/l	99
94) Hexachlorobutadiene	14.43	225	616011	67.47	ug/l	97
95) Naphthalene	14.51	128	1005933	65.46	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	692962	69.08	ug/l	97

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

