

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062858.D
 Acq On : 25 Jun 2019 2:05
 Operator : VA/AP
 Sample : VD0624SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS02

Quant Time: Jun 25 02:35:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	847938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1226855	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1060980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	560230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	513703	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
35) Dibromofluoromethane	6.93	113	544526	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	10.42	98	1208890	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
62) 4-Bromofluorobenzene	13.56	95	457593	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	226152	20.611	ug/l	95
3) Chloromethane	1.74	50	178148	21.588	ug/l	96
4) Vinyl Chloride	1.84	62	170645	20.856	ug/l	93
5) Bromomethane	2.15	94	65541	17.105	ug/l #	95
6) Chloroethane	2.26	64	75358	20.344	ug/l #	74
7) Trichlorofluoromethane	2.52	101	320424	19.351	ug/l	98
8) Diethyl Ether	2.88	74	51570	24.512	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.14	101	200696	22.373	ug/l #	84
10) Methyl Iodide	3.30	142	224991	19.011	ug/l	95
11) Tert butyl alcohol	4.09	59	47160	112.344	ug/l	98
12) 1,1-Dichloroethene	3.12	96	147866	21.973	ug/l	97
13) Acrolein	3.04	56	33452	78.059	ug/l	93
14) Allyl chloride	3.62	41	213771	21.499	ug/l	92
15) Acrylonitrile	4.20	53	122840	124.537	ug/l #	87
16) Acetone	3.22	43	183073	93.569	ug/l	93
17) Carbon Disulfide	3.37	76	427848	19.893	ug/l #	94
18) Methyl Acetate	3.64	43	92310	33.177	ug/l	96
19) Methyl tert-butyl Ether	4.24	73	351049	24.097	ug/l	97
20) Methylene Chloride	3.81	84	167123	23.775	ug/l	89
21) trans-1,2-Dichloroethene	4.21	96	156937	21.902	ug/l	96
22) Diisopropyl ether	5.13	45	495387	24.498	ug/l	95
23) Vinyl Acetate	5.06	43	1381962	109.214	ug/l	99
24) 1,1-Dichloroethane	4.99	63	288360	21.902	ug/l	98
25) 2-Butanone	6.09	43	209315	121.423	ug/l #	90
26) 2,2-Dichloropropane	6.03	77	264617	18.962	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	186263	24.581	ug/l	92
28) Bromochloromethane	6.45	49	112982	24.365	ug/l	88
29) Tetrahydrofuran	6.48	42	102241	125.354	ug/l	97
30) Chloroform	6.68	83	354397	22.133	ug/l	94
31) Cyclohexane	6.96	56	179129	20.696	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	352408	21.131	ug/l	88
36) 1,1-Dichloropropene	7.15	75	231197	19.907	ug/l	98
37) Ethyl Acetate	6.19	43	110475	22.028	ug/l	97
38) Carbon Tetrachloride	7.11	117	337248	19.308	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.87	83	199939	19.558	ug/l	96
40) Benzene	7.46	78	500748	21.480	ug/l	93
41) Methacrylonitrile	6.46	41	132692	21.665	ug/l #	96
42) 1,2-Dichloroethane	7.58	62	291555	22.925	ug/l	100
43) Isopropyl Acetate	9.25	43	133360	21.903	ug/l #	100
44) Trichloroethene	8.55	130	194494	21.280	ug/l	96
45) 1,2-Dichloropropane	8.95	63	123530	21.310	ug/l	99
46) Dibromomethane	9.07	93	107024	21.493	ug/l	91
47) Bromodichloromethane	9.38	83	276875	21.409	ug/l	93
48) Methyl methacrylate	9.13	41	88932	20.553	ug/l	94
49) 1,4-Dioxane	9.10	88	17356	482.136	ug/l #	86
51) 4-Methyl-2-Pentanone	10.31	43	509174	117.949	ug/l	98
52) Toluene	10.52	92	329055	20.998	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	227158	21.460	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	253777	22.058	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	110240	20.476	ug/l	98
56) Ethyl methacrylate	11.05	69	134726	23.415	ug/l	98
57) 1,3-Dichloropropane	11.41	76	168790	20.475	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.87	63	339836	115.048	ug/l	95
59) 2-Hexanone	11.54	43	364676	118.615	ug/l	96
60) Dibromochloromethane	11.70	129	207451	20.687	ug/l	98
61) 1,2-Dibromoethane	11.81	107	142323	22.383	ug/l	90
64) Tetrachloroethene	11.26	164	191117	21.887	ug/l	89
65) Chlorobenzene	12.41	112	380705	19.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	191626	20.810	ug/l	96
67) Ethyl Benzene	12.52	91	717243	20.288	ug/l	97
68) m/p-Xylenes	12.67	106	511110	41.510	ug/l	96
69) o-Xylene	13.05	106	251348	22.330	ug/l	93
70) Styrene	13.07	104	425316	21.513	ug/l	95
71) Bromoform	13.24	173	137156	21.739	ug/l	96
73) Isopropylbenzene	13.41	105	712334	19.831	ug/l	96
74) N-amyl acetate	13.27	43	198944	22.806	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	129277	22.088	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	145071	22.431	ug/l	100
77) Bromobenzene	13.68	156	210571	21.794	ug/l	98
78) n-propylbenzene	13.77	91	798291	19.094	ug/l	93
79) 2-Chlorotoluene	13.84	91	531043	22.226	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	641855	21.273	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	33559	19.799	ug/l	99
82) 4-Chlorotoluene	13.95	91	606047	21.069	ug/l	99
83) tert-Butylbenzene	14.20	119	637908	18.968	ug/l	99
84) 1,2,4-Trimethylbenzene	14.25	105	646306	20.899	ug/l	99
85) sec-Butylbenzene	14.37	105	756391	20.693	ug/l	98
86) p-Isopropyltoluene	14.49	119	642885	19.225	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	331361	19.132	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	361951	20.807	ug/l	97
89) n-Butylbenzene	14.80	91	607131	19.398	ug/l	98
90) Hexachloroethane	15.01	117	172456	19.181	ug/l	96
91) 1,2-Dichlorobenzene	14.82	146	330619	22.312	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	23994	21.004	ug/l #	41

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	244627	21.134	ug/l	99
94) Hexachlorobutadiene	16.04	225	155563	17.592	ug/l	99
95) Naphthalene	16.13	128	367733	22.666	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	186856	21.010	ug/l	94

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

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