

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040619\
 Data File : VD061637.D
 Acq On : 6 Apr 2019 12:07
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 08 07:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 07:00:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	680378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1122875	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	992082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	441012	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	55276	11.03	ug/l	0.00
Spiked Amount			Recovery	=	22.06%	
35) Dibromofluoromethane	6.92	113	82898	10.88	ug/l	0.00
Spiked Amount			Recovery	=	21.76%	
50) Toluene-d8	10.40	98	208702	11.23	ug/l	0.00
Spiked Amount			Recovery	=	22.46%	
62) 4-Bromofluorobenzene	13.55	95	79922	11.09	ug/l	0.00
Spiked Amount			Recovery	=	22.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	77487	10.854	ug/l	98
3) Chloromethane	1.76	50	64161	11.138	ug/l	96
4) Vinyl Chloride	1.86	62	58840	10.633	ug/l	98
5) Bromomethane	2.16	94	16054	12.947	ug/l	96
6) Chloroethane	2.27	64	20021	11.515	ug/l	97
7) Trichlorofluoromethane	2.54	101	95548	11.732	ug/l	99
8) Diethyl Ether	2.87	74	24629	10.441	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.16	101	91455	11.280	ug/l	97
10) Methyl Iodide	3.31	142	87654	8.400	ug/l	96
11) Tert butyl alcohol	4.04	59	18874	54.508	ug/l	95
12) 1,1-Dichloroethene	3.14	96	77640	11.041	ug/l	96
13) Acrolein	3.04	56	22828	54.885	ug/l	99
14) Allyl chloride	3.62	41	98372	10.071	ug/l	96
15) Acrylonitrile	4.19	53	63337	55.512	ug/l	98
16) Acetone	3.22	43	73423	49.088	ug/l	98
17) Carbon Disulfide	3.38	76	245998	10.760	ug/l	100
18) Methyl Acetate	3.64	43	29084	10.004	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	131864	10.944	ug/l	99
20) Methylene Chloride	3.82	84	99956	11.697	ug/l	99
21) trans-1,2-Dichloroethene	4.22	96	83497	11.011	ug/l	98
22) Diisopropyl ether	5.12	45	227218	11.342	ug/l #	98
23) Vinyl Acetate	5.06	43	621011	56.081	ug/l	100
24) 1,1-Dichloroethane	4.98	63	136959	11.094	ug/l	98
25) 2-Butanone	6.06	43	92753	53.061	ug/l	99
26) 2,2-Dichloropropane	6.02	77	111955	11.162	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	90911	11.250	ug/l	96
28) Bromochloromethane	6.44	49	39547	8.970	ug/l	94
29) Tetrahydrofuran	6.46	42	43580	52.057	ug/l	98
30) Chloroform	6.66	83	141974	11.050	ug/l	96
31) Cyclohexane	6.96	56	110103	11.631	ug/l	94
32) 1,1,1-Trichloroethane	6.87	97	122167	10.825	ug/l	99
36) 1,1-Dichloropropene	7.14	75	114599	11.415	ug/l	97
37) Ethyl Acetate	6.18	43	41209	9.888	ug/l	99
38) Carbon Tetrachloride	7.11	117	132894	11.460	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	110468	10.555	ug/l	98
40) Benzene	7.45	78	271987	11.197	ug/l	99
41) Methacrylonitrile	6.45	41	48284	10.279	ug/l #	93
42) 1,2-Dichloroethane	7.58	62	77959	10.154	ug/l	95
43) Isopropyl Acetate	9.23	43	62831	10.491	ug/l #	99
44) Trichloroethene	8.53	130	95843	10.357	ug/l	94
45) 1,2-Dichloropropane	8.94	63	65424	10.995	ug/l	97
46) Dibromomethane	9.05	93	45229	10.724	ug/l	94
47) Bromodichloromethane	9.37	83	102641	10.887	ug/l	98
48) Methyl methacrylate	9.11	41	33874	10.229	ug/l	96
49) 1,4-Dioxane	9.07	88	7447	203.165	ug/l #	88
51) 4-Methyl-2-Pentanone	10.29	43	193389	54.837	ug/l	99
52) Toluene	10.50	92	152731	10.150	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	84048	10.095	ug/l	93
54) cis-1,3-Dichloropropene	10.03	75	105713	10.307	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	56569	11.402	ug/l	92
56) Ethyl methacrylate	11.03	69	59723	11.079	ug/l	93
57) 1,3-Dichloropropane	11.41	76	80309	10.721	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	134547	55.093	ug/l	92
59) 2-Hexanone	11.53	43	142669	53.606	ug/l	98
60) Dibromochloromethane	11.68	129	84764	10.734	ug/l	97
61) 1,2-Dibromoethane	11.80	107	63395	10.828	ug/l	99
64) Tetrachloroethene	11.25	164	78484	10.367	ug/l	98
65) Chlorobenzene	12.39	112	211210	10.799	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	82634	10.624	ug/l	97
67) Ethyl Benzene	12.52	91	344479	11.057	ug/l	99
68) m/p-Xylenes	12.67	106	243702	21.177	ug/l	96
69) o-Xylene	13.04	106	119218	10.712	ug/l	98
70) Styrene	13.07	104	211933	11.120	ug/l	97
71) Bromoform	13.23	173	45608	9.826	ug/l	100
73) Isopropylbenzene	13.40	105	322854	10.877	ug/l	98
74) N-amyl acetate	13.26	43	79933	9.964	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	63642	10.723	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	61861	10.453	ug/l	98
77) Bromobenzene	13.66	156	91074	10.473	ug/l	95
78) n-propylbenzene	13.77	91	385307	11.036	ug/l	98
79) 2-Chlorotoluene	13.84	91	211945	10.616	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	269396	11.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	18675	10.196	ug/l	89
82) 4-Chlorotoluene	13.95	91	259895	11.914	ug/l	100
83) tert-Butylbenzene	14.18	119	306113	10.984	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	272806	11.396	ug/l	99
85) sec-Butylbenzene	14.36	105	323439	10.866	ug/l	99
86) p-Isopropyltoluene	14.49	119	299962	10.923	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	149234	10.077	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	161259	10.993	ug/l	98
89) n-Butylbenzene	14.79	91	268543	11.391	ug/l	98
90) Hexachloroethane	15.00	117	73108	10.313	ug/l	100
91) 1,2-Dichlorobenzene	14.80	146	138290	11.387	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	6863	9.242	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	62444	10.164	ug/l	96
94) Hexachlorobutadiene	16.03	225	47757	10.102	ug/l	96
95) Naphthalene	16.12	128	92298	9.525	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	30066	9.883	ug/l	98

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

