

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062029.D
 Acq On : 25 Apr 2019 10:14
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 26 02:24:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	644177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	933875	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	828851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	379348	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	251938	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
35) Dibromofluoromethane	6.93	113	370337	57.34	ug/l	0.00
Spiked Amount			Recovery	=	114.68%	
50) Toluene-d8	10.42	98	834338	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	13.56	95	344099	55.82	ug/l	0.00
Spiked Amount			Recovery	=	111.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	276384	48.050	ug/l	97
3) Chloromethane	1.76	50	198528	40.609	ug/l	93
4) Vinyl Chloride	1.86	62	189787	42.831	ug/l	98
5) Bromomethane	2.15	94	55300	46.813	ug/l	91
6) Chloroethane	2.27	64	73228	45.718	ug/l	95
7) Trichlorofluoromethane	2.54	101	299105	44.644	ug/l	100
8) Diethyl Ether	2.87	74	80623	44.900	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.16	101	279258	45.248	ug/l	94
10) Methyl Iodide	3.31	142	395060	42.883	ug/l	96
11) Tert butyl alcohol	4.06	59	72692	255.187	ug/l	96
12) 1,1-Dichloroethene	3.14	96	232869	44.350	ug/l	98
13) Acrolein	3.04	56	96941	327.992	ug/l	97
14) Allyl chloride	3.63	41	314114	43.810	ug/l	97
15) Acrylonitrile	4.20	53	210391	238.518	ug/l	97
16) Acetone	3.22	43	364517	302.804	ug/l	95
17) Carbon Disulfide	3.38	76	693528	45.708	ug/l	99
18) Methyl Acetate	3.64	43	107964	49.427	ug/l	94
19) Methyl tert-butyl Ether	4.25	73	473453	45.445	ug/l	96
20) Methylene Chloride	3.82	84	265121	44.915	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	257330	42.721	ug/l	94
22) Diisopropyl ether	5.12	45	822989	49.164	ug/l	96
23) Vinyl Acetate	5.07	43	2267849	260.150	ug/l	100
24) 1,1-Dichloroethane	5.00	63	479763	47.419	ug/l	98
25) 2-Butanone	6.07	43	431697	295.779	ug/l	98
26) 2,2-Dichloropropane	6.04	77	429339	48.642	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	331749	48.413	ug/l	96
28) Bromochloromethane	6.44	49	181743	46.947	ug/l	92
29) Tetrahydrofuran	6.46	42	176056	244.813	ug/l	99
30) Chloroform	6.67	83	570815	49.671	ug/l	98
31) Cyclohexane	6.97	56	340789	45.379	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	481907	48.196	ug/l	98
36) 1,1-Dichloropropene	7.15	75	393769	54.120	ug/l	95
37) Ethyl Acetate	6.19	43	182063	58.720	ug/l	97
38) Carbon Tetrachloride	7.12	117	513374m	55.682	ug/l	

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39) Methylcyclohexane	8.88	83	405684	56.513	ug/l	98
40) Benzene	7.46	78	885901	49.182	ug/l	98
41) Methacrylonitrile	6.44	41	206664	57.127	ug/l #	94
42) 1,2-Dichloroethane	7.59	62	348159	56.926	ug/l	98
43) Isopropyl Acetate	9.24	43	231932	51.196	ug/l	99
44) Trichloroethene	8.54	130	377053	53.994	ug/l	98
45) 1,2-Dichloropropane	8.94	63	242695	53.110	ug/l	96
46) Dibromomethane	9.06	93	184221	56.026	ug/l	95
47) Bromodichloromethane	9.38	83	427350	55.005	ug/l	97
48) Methyl methacrylate	9.13	41	147444	57.044	ug/l	97
49) 1,4-Dioxane	9.08	88	33900	1216.491	ug/l	98
51) 4-Methyl-2-Pentanone	10.30	43	787754	284.333	ug/l	98
52) Toluene	10.52	92	610330	53.141	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	377145	57.832	ug/l	97
54) cis-1,3-Dichloropropene	10.05	75	462304	58.286	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	222082	57.597	ug/l	96
56) Ethyl methacrylate	11.04	69	219962	51.508	ug/l	97
57) 1,3-Dichloropropane	11.41	76	339852	57.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	525109	264.478	ug/l	99
59) 2-Hexanone	11.53	43	629950	303.109	ug/l	99
60) Dibromochloromethane	11.69	129	382070	59.886	ug/l	100
61) 1,2-Dibromoethane	11.81	107	259789	56.798	ug/l	95
64) Tetrachloroethene	11.26	164	281299	47.576	ug/l	97
65) Chlorobenzene	12.40	112	729042	46.547	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	318785	47.984	ug/l	99
67) Ethyl Benzene	12.53	91	1160237	45.386	ug/l	100
68) m/p-Xylenes	12.67	106	889446	96.266	ug/l	97
69) o-Xylene	13.05	106	419402	49.611	ug/l	95
70) Styrene	13.08	104	761164	52.145	ug/l	97
71) Bromoform	13.24	173	210524	55.582	ug/l	99
73) Isopropylbenzene	13.40	105	1054746	41.681	ug/l	100
74) N-amyl acetate	13.27	43	340911	52.311	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	255240	51.471	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	254015	52.731	ug/l	99
77) Bromobenzene	13.67	156	331058	45.605	ug/l	89
78) n-propylbenzene	13.78	91	1350698	46.627	ug/l	100
79) 2-Chlorotoluene	13.85	91	830844	47.351	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	962119	47.683	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	72083	49.379	ug/l	96
82) 4-Chlorotoluene	13.94	91	933081	48.287	ug/l	86
83) tert-Butylbenzene	14.19	119	1114343	47.674	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	974723	50.592	ug/l	99
85) sec-Butylbenzene	14.37	105	1170714	46.354	ug/l	99
86) p-Isopropyltoluene	14.50	119	1002405	44.347	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	588557	46.298	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	573918	48.275	ug/l	98
89) n-Butylbenzene	14.80	91	876612	43.198	ug/l	96
90) Hexachloroethane	15.01	117	296890	48.574	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	448939	42.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	33597	46.076	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	274412	48.501	ug/l	98
94) Hexachlorobutadiene	16.04	225	185241	44.242	ug/l	97
95) Naphthalene	16.13	128	431175	47.199	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	163386	50.896	ug/l	99

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

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