

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061296.D
 Acq On : 25 Mar 2019 11:19
 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: Mar 26 02:03:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 01:57:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	673828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1160948	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	935173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	444564	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	62162	10.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.38%	
35) Dibromofluoromethane	6.94	113	89499	10.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.14%	
50) Toluene-d8	10.41	98	217230	10.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.16%	
62) 4-Bromofluorobenzene	13.55	95	91904	10.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	61388	8.905	ug/l	90
3) Chloromethane	1.77	50	48275	8.979	ug/l	99
4) Vinyl Chloride	1.87	62	45734	9.099	ug/l	95
5) Bromomethane	2.17	94	9335	8.970	ug/l	96
6) Chloroethane	2.28	64	14504	9.168	ug/l	97
7) Trichlorofluoromethane	2.55	101	66853	8.983	ug/l	95
8) Diethyl Ether	2.89	74	21350	9.660	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.18	101	68223	9.018	ug/l	95
10) Methyl Iodide	3.32	142	82091	7.768	ug/l	96
11) Tert butyl alcohol	4.07	59	14334	46.306	ug/l #	94
12) 1,1-Dichloroethene	3.16	96	59715	9.175	ug/l	93
13) Acrolein	3.05	56	21053	62.050	ug/l	91
14) Allyl chloride	3.65	41	82603	8.961	ug/l	96
15) Acrylonitrile	4.21	53	51429	47.241	ug/l	96
16) Acetone	3.23	43	63490	45.602	ug/l	97
17) Carbon Disulfide	3.40	76	184468	8.526	ug/l	98
18) Methyl Acetate	3.66	43	25225	9.594	ug/l	95
19) Methyl tert-butyl Ether	4.26	73	108767	9.483	ug/l	97
20) Methylene Chloride	3.84	84	84533	10.707	ug/l	97
21) trans-1,2-Dichloroethene	4.24	96	66190	9.085	ug/l	99
22) Diisopropyl ether	5.13	45	180625	9.303	ug/l	96
23) Vinyl Acetate	5.08	43	512110	49.406	ug/l	99
24) 1,1-Dichloroethane	5.00	63	100362	8.857	ug/l	100
25) 2-Butanone	6.09	43	74160	46.097	ug/l	97
26) 2,2-Dichloropropane	6.04	77	89839	9.348	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	69357	8.853	ug/l	87
28) Bromochloromethane	6.45	49	53221	11.220	ug/l	90
29) Tetrahydrofuran	6.47	42	39298	49.075	ug/l	99
30) Chloroform	6.68	83	110745	9.166	ug/l	95
31) Cyclohexane	6.97	56	78652	8.551	ug/l	98
32) 1,1,1-Trichloroethane	6.88	97	97734	9.136	ug/l	96
36) 1,1-Dichloropropene	7.16	75	86660	9.127	ug/l	96
37) Ethyl Acetate	6.19	43	39369	9.956	ug/l	97
38) Carbon Tetrachloride	7.12	117	100281	8.936	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	79557	8.083	ug/l	97
40) Benzene	7.47	78	212047	8.983	ug/l	99
41) Methacrylonitrile	6.46	41	44868	9.730	ug/l #	90
42) 1,2-Dichloroethane	7.59	62	65869	8.955	ug/l	99
43) Isopropyl Acetate	9.24	43	51292	8.967	ug/l #	94
44) Trichloroethene	8.55	130	73392	8.603	ug/l	97
45) 1,2-Dichloropropane	8.94	63	48910	8.401	ug/l	93
46) Dibromomethane	9.07	93	34850	8.730	ug/l	93
47) Bromodichloromethane	9.38	83	79505	8.499	ug/l	92
48) Methyl methacrylate	9.12	41	29701	9.728	ug/l	99
49) 1,4-Dioxane	9.09	88	6165	184.032	ug/l #	92
51) 4-Methyl-2-Pentanone	10.30	43	161115	47.313	ug/l	97
52) Toluene	10.51	92	131339	9.099	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	72503	8.919	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	85736	8.637	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	46312	9.664	ug/l	96
56) Ethyl methacrylate	11.04	69	48683	9.520	ug/l	97
57) 1,3-Dichloropropane	11.41	76	66247	9.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	164502	61.837	ug/l	97
59) 2-Hexanone	11.53	43	123107	49.775	ug/l	100
60) Dibromochloromethane	11.69	129	65075	8.670	ug/l	98
61) 1,2-Dibromoethane	11.81	107	52435	9.365	ug/l	96
64) Tetrachloroethene	11.26	164	58917	9.146	ug/l	97
65) Chlorobenzene	12.40	112	168186	9.764	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	66819	10.005	ug/l	97
67) Ethyl Benzene	12.53	91	273389	10.371	ug/l	99
68) m/p-Xylenes	12.67	106	203841	19.809	ug/l	99
69) o-Xylene	13.05	106	95418	9.998	ug/l	100
70) Styrene	13.07	104	158491	9.785	ug/l	99
71) Bromoform	13.24	173	38775	9.488	ug/l	95
73) Isopropylbenzene	13.40	105	260514	9.009	ug/l	97
74) N-amyl acetate	13.27	43	69175	9.144	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	51670	9.215	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	51390	9.295	ug/l	97
77) Bromobenzene	13.67	156	71791	8.888	ug/l	95
78) n-propylbenzene	13.78	91	281072	8.616	ug/l	94
79) 2-Chlorotoluene	13.84	91	159624	8.421	ug/l	95
80) 1,3,5-Trimethylbenzene	14.24	105	195140	8.555	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	16135	9.248	ug/l	96
82) 4-Chlorotoluene	13.95	91	189887	9.145	ug/l	97
83) tert-Butylbenzene	14.19	119	230557	8.852	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	195140	8.555	ug/l	97
85) sec-Butylbenzene	14.37	105	255653	8.814	ug/l	96
86) p-Isopropyltoluene	14.49	119	238057	9.199	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	126250	8.818	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	125197	9.028	ug/l	99
89) n-Butylbenzene	14.80	91	219622	9.559	ug/l	97
90) Hexachloroethane	15.01	117	57081	8.227	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	114394	10.014	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	5468	7.804	ug/l	82

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93) 1,2,4-Trichlorobenzene	15.94	180	47144	8.936	ug/l	99
94) Hexachlorobutadiene	16.04	225	34747	8.173	ug/l	99
95) Naphthalene	16.12	128	66673	8.662	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	20610	8.364	ug/l	97

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

