

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030719\
 Data File : VD060973.D
 Acq On : 7 Mar 2019 17:26
 Operator : VA/AP
 Sample : VSTDIC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:46:28 PM

Quant Time: Mar 08 02:41:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 00:56:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	807181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1370769	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1081868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	437897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	608662	91.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.56%	
35) Dibromofluoromethane	6.92	113	991059	90.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.46%	
50) Toluene-d8	10.41	98	2300752	83.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.48%	
62) 4-Bromofluorobenzene	13.56	95	860010	83.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	714032	80.703	ug/l	99
3) Chloromethane	1.76	50	598268	81.740	ug/l	97
4) Vinyl Chloride	1.85	62	605276	90.996	ug/l	97
5) Bromomethane	2.15	94	88116	76.027	ug/l	91
7) Trichlorofluoromethane	2.52	101	714861	86.984	ug/l	99
8) Diethyl Ether	2.88	74	276336	79.438	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.15	101	889835	83.602	ug/l	97
10) Methyl Iodide	3.31	142	1400670	111.158	ug/l	99
11) Tert butyl alcohol	4.06	59	199249m	406.848	ug/l	
12) 1,1-Dichloroethene	3.12	96	737494	81.702	ug/l	98
13) Acrolein	3.04	56	309858	461.882	ug/l	98
14) Allvl chloride	3.62	41	1186542	79.457	ug/l	98
15) Acrylonitrile	4.20	53	703880	381.067	ug/l	98
16) Acetone	3.22	43	880118	403.913	ug/l	98
17) Carbon Disulfide	3.38	76	2566160	80.042	ug/l	100
18) Methyl Acetate	3.64	43	353229	78.914	ug/l	94
19) Methyl tert-butyl Ether	4.24	73	1300456	80.994	ug/l	98
20) Methylene Chloride	3.81	84	818330	67.320	ug/l	99
21) trans-1,2-Dichloroethene	4.22	96	808213	81.464	ug/l	97
22) Diisopropyl ether	5.12	45	2313937	73.573	ug/l	97
23) Vinyl Acetate	5.05	43	6195562	375.917	ug/l	99
24) 1,1-Dichloroethane	4.98	63	1394740	82.470	ug/l	98
25) 2-Butanone	6.07	43	956798	357.092	ug/l	98
26) 2,2-Dichloropropane	6.02	77	1030783	82.017	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	868087	77.677	ug/l	93
28) Bromochloromethane	6.43	49	578559	82.325	ug/l	99
29) Tetrahydrofuran	6.45	42	526525	375.697	ug/l	97
30) Chloroform	6.66	83	1465794	89.572	ug/l	99
31) Cyclohexane	6.95	56	1142902	79.637	ug/l	96
32) 1,1,1-Trichloroethane	6.87	97	1186465	84.293	ug/l	99
36) 1,1-Dichloropropene	7.14	75	998923	79.474	ug/l	100
37) Ethyl Acetate	6.18	43	494251	76.965	ug/l	99
38) Carbon Tetrachloride	7.11	117	1093093m	80.240	ug/l	
39) Methylcyclohexane	8.86	83	1111156	81.115	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	7.46	78	2676392	82.521	ug/l	99
41) Methacrylonitrile	6.44	41	570494	123.938	ug/l	97
42) 1,2-Dichloroethane	7.57	62	768171	83.672	ug/l	99
43) Isopropyl Acetate	9.24	43	712274	79.705	ug/l	98
44) Trichloroethene	8.54	130	983051	89.329	ug/l	97
45) 1,2-Dichloropropane	8.93	63	720298	84.518	ug/l	100
46) Dibromomethane	9.06	93	471884	86.546	ug/l	99
47) Bromodichloromethane	9.38	83	1062352	87.788	ug/l	100
48) Methyl methacrylate	9.12	41	383807	75.966	ug/l	98
49) 1,4-Dioxane	9.08	88	86434	1666.871	ug/l	96
51) 4-Methyl-2-Pentanone	10.30	43	1966512	360.404	ug/l	96
52) Toluene	10.51	92	1531267	74.185	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	941897	85.667	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	1169730	86.738	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	571186	83.692	ug/l	97
56) Ethyl methacrylate	11.04	69	625787	87.352	ug/l	99
57) 1,3-Dichloropropane	11.40	76	876848	88.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	1446174	377.026	ug/l	100
59) 2-Hexanone	11.53	43	1429538	373.361	ug/l	98
60) Dibromochloromethane	11.68	129	848681	86.071	ug/l	99
61) 1,2-Dibromoethane	11.81	107	666089	83.059	ug/l	100
64) Tetrachloroethene	11.26	164	685827	83.848	ug/l	99
65) Chlorobenzene	12.40	112	2048358	86.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	693853	80.956	ug/l	98
67) Ethyl Benzene	12.53	91	2697941	77.829	ug/l	99
68) m/p-Xylenes	12.67	106	2244161	161.434	ug/l	98
69) o-Xylene	13.05	106	1016022	78.592	ug/l	96
70) Stvrene	13.07	104	1763998	81.751	ug/l	98
71) Bromoform	13.23	173	478468	88.705	ug/l	99
73) Isopropylbenzene	13.40	105	2992394	89.411	ug/l	100
74) N-amyl acetate	13.26	43	853204	84.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	622436	89.621	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	611636	86.650	ug/l	98
77) Bromobenzene	13.67	156	857796	97.531	ug/l	90
78) n-propylbenzene	13.78	91	3349140	85.727	ug/l	95
79) 2-Chlorotoluene	13.84	91	1879747	85.963	ug/l	93
80) 1,3,5-Trimethylbenzene	14.24	105	2189674	84.677	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	194143	93.303	ug/l	97
83) tert-Butylbenzene	14.19	119	2329484m	80.922	ug/l	
84) 1,2,4-Trimethylbenzene	14.24	105	2189674	84.677	ug/l	96
85) sec-Butylbenzene	14.37	105	2854545	84.975	ug/l	98
86) p-Isopropyltoluene	14.49	119	2295789	82.955	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	1378661	92.223	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	1291116	87.277	ug/l	97
90) Hexachloroethane	15.01	117	752808	94.345	ug/l	84
91) 1,2-Dichlorobenzene	14.81	146	1030040	78.993	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	80057	98.125	ug/l	84
93) 1,2,4-Trichlorobenzene	15.94	180	532438	72.399	ug/l	99
94) Hexachlorobutadiene	16.04	225	414159	88.100	ug/l	99
95) Naphthalene	16.13	128	873076	76.834	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	16.27	180	293897	73.671	ug/l	95

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

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