

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060619\
 Data File : VD062632.D
 Acq On : 6 Jun 2019 18:42
 Operator : FY/SY
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 07 04:41:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	808713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1095289	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	923656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	489550	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	1213777	109.88	ug/l	0.00
Spiked Amount			Recovery	=	219.76%	
35) Dibromofluoromethane	6.93	113	1189418	106.43	ug/l	0.00
Spiked Amount			Recovery	=	212.86%	
50) Toluene-d8	10.42	98	2624729	107.79	ug/l	0.00
Spiked Amount			Recovery	=	215.58%	
62) 4-Bromofluorobenzene	13.56	95	1083897	95.61	ug/l	0.00
Spiked Amount			Recovery	=	191.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	826933	83.060	ug/l	99
3) Chloromethane	1.75	50	671090	86.671	ug/l	96
4) Vinyl Chloride	1.85	62	771455	101.078	ug/l	96
5) Bromomethane	2.16	94	343524	88.911	ug/l	98
6) Chloroethane	2.26	64	377297	96.056	ug/l	100
7) Trichlorofluoromethane	2.53	101	1679732	99.321	ug/l	98
8) Diethyl Ether	2.88	74	241122	111.066	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.15	101	932205	97.059	ug/l	92
10) Methyl Iodide	3.31	142	1406084	117.469	ug/l	99
11) Tert butyl alcohol	4.10	59	230276	479.091	ug/l #	92
12) 1,1-Dichloroethene	3.13	96	683470	98.648	ug/l	98
13) Acrolein	3.04	56	78074	449.140	ug/l #	64
14) Allyl chloride	3.62	41	1113062	105.489	ug/l	93
15) Acrylonitrile	4.21	53	550750	515.531	ug/l	98
16) Acetone	3.24	43	1084762	543.472	ug/l	100
17) Carbon Disulfide	3.38	76	2103109	104.035	ug/l	100
18) Methyl Acetate	3.65	43	319534	91.591	ug/l	95
19) Methyl tert-butyl Ether	4.25	73	1738141	102.496	ug/l	100
20) Methylene Chloride	3.82	84	731548	96.102	ug/l	94
21) trans-1,2-Dichloroethene	4.22	96	741186	97.060	ug/l	95
22) Diisopropyl ether	5.13	45	2385932	107.542	ug/l	99
23) Vinyl Acetate	5.07	43	7453391	546.101	ug/l	100
24) 1,1-Dichloroethane	4.99	63	1497406	106.080	ug/l #	96
25) 2-Butanone	6.08	43	1010777	544.865	ug/l	99
26) 2,2-Dichloropropane	6.03	77	1589937	103.105	ug/l	94
27) cis-1,2-Dichloroethene	6.05	96	812597	100.502	ug/l	93
28) Bromochloromethane	6.45	49	624311	116.024	ug/l #	97
29) Tetrahydrofuran	6.47	42	489985	566.268	ug/l	97
30) Chloroform	6.68	83	1854805	104.966	ug/l	100
31) Cyclohexane	6.96	56	959507	105.731	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	1932138	107.707	ug/l	99
36) 1,1-Dichloropropene	7.16	75	1148589	96.869	ug/l	92
37) Ethyl Acetate	6.20	43	529605	111.460	ug/l	97
38) Carbon Tetrachloride	7.12	117	1841951m	104.273	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	1024012	103.081	ug/l	99
40) Benzene	7.46	78	2427764	106.051	ug/l	100
41) Methacrylonitrile	6.47	41	680585	111.814	ug/l #	93
42) 1,2-Dichloroethane	7.59	62	1460431	106.801	ug/l	100
43) Isopropyl Acetate	9.25	43	697922	108.061	ug/l	96
44) Trichloroethene	8.55	130	945638	100.110	ug/l	99
45) 1,2-Dichloropropane	8.95	63	599820	105.380	ug/l	93
46) Dibromomethane	9.07	93	532956	105.559	ug/l	93
47) Bromodichloromethane	9.38	83	1418142	104.796	ug/l	100
48) Methyl methacrylate	9.13	41	454284	104.229	ug/l	98
49) 1,4-Dioxane	9.09	88	76859	2200.818	ug/l #	89
51) 4-Methyl-2-Pentanone	10.31	43	2406228	564.234	ug/l	97
52) Toluene	10.51	92	1535519	99.407	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	1244051	109.722	ug/l	96
54) cis-1,3-Dichloropropene	10.05	75	1290603	112.463	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	541969	102.861	ug/l	96
56) Ethyl methacrylate	11.05	69	612597	107.578	ug/l	96
57) 1,3-Dichloropropane	11.41	76	880576	108.546	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.87	63	1424211	475.826	ug/l	97
59) 2-Hexanone	11.54	43	1787483	555.828	ug/l	98
60) Dibromochloromethane	11.70	129	1118591	108.655	ug/l	99
61) 1,2-Dibromoethane	11.81	107	706278	109.837	ug/l	94
64) Tetrachloroethene	11.26	164	825853	100.226	ug/l	96
65) Chlorobenzene	12.40	112	1935601	102.012	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	909831	99.409	ug/l	96
67) Ethyl Benzene	12.53	91	3237820	93.742	ug/l	97
68) m/p-Xylenes	12.67	106	2488835	207.692	ug/l	95
69) o-Xylene	13.05	106	1162579	101.191	ug/l	90
70) Styrene	13.07	104	2038479	105.233	ug/l	97
71) Bromoform	13.24	173	703652	112.531	ug/l	98
73) Isopropylbenzene	13.41	105	3659841	108.228	ug/l	94
74) N-amyl acetate	13.27	43	979897	112.041	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	605552	107.378	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	695800	108.549	ug/l	95
77) Bromobenzene	13.67	156	980464	104.892	ug/l	88
78) n-propylbenzene	13.78	91	3868552	97.445	ug/l	99
79) 2-Chlorotoluene	13.84	91	2357968	99.429	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	3009311	101.000	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.48	75	195443	120.399	ug/l	98
82) 4-Chlorotoluene	13.95	91	2933441	103.648	ug/l	94
83) tert-Butylbenzene	14.20	119	3179827	98.471	ug/l	93
84) 1,2,4-Trimethylbenzene	14.25	105	2885381	96.713	ug/l	96
85) sec-Butylbenzene	14.37	105	3461934	103.484	ug/l	100
86) p-Isopropyltoluene	14.49	119	3184635	99.121	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	1662460	103.179	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	1670352	103.624	ug/l	96
89) n-Butylbenzene	14.81	91	2919446	99.461	ug/l	96
90) Hexachloroethane	15.01	117	905396	107.915	ug/l	81
91) 1,2-Dichlorobenzene	14.82	146	1453955	100.522	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	135700	117.337	ug/l #	52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	1173888	109.980	ug/l	98
94) Hexachlorobutadiene	16.04	225	859391	107.404	ug/l	98
95) Naphthalene	16.13	128	1639239	108.246	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	912986	113.255	ug/l	96

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

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