

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040619\
 Data File : VD061641.D
 Acq On : 6 Apr 2019 13:58
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:57:29 AM

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Quant Time: Apr 08 07:26:44 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	7.04	168	719961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1225385	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	923900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	432156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	441569	83.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.54%	
35) Dibromofluoromethane	6.91	113	688102	82.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.52%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	13.55	95	611667	77.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	776961	102.848	ug/l	99
3) Chloromethane	1.75	50	570495	93.587	ug/l	96
4) Vinyl Chloride	1.84	62	596574	101.880	ug/l	100
6) Chloroethane	2.25	64	156101	84.845	ug/l	97
7) Trichlorofluoromethane	2.51	101	818386	94.961	ug/l	98
8) Diethyl Ether	2.87	74	253137	101.416	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.14	101	819430	95.508	ug/l	97
10) Methyl Iodide	3.30	142	1351445	122.383	ug/l	99
11) Tert butyl alcohol	4.06	59	193163	527.183	ug/l #	91
12) 1,1-Dichloroethene	3.11	96	706300	94.921	ug/l	94
13) Acrolein	3.03	56	223853	508.618	ug/l	99
14) Allvl chloride	3.61	41	1063482	102.892	ug/l	98
15) Acrylonitrile	4.18	53	604524	500.709	ug/l	97
16) Acetone	3.21	43	873189	551.682	ug/l	98
17) Carbon Disulfide	3.37	76	2404452	99.386	ug/l	99
18) Methyl Acetate	3.63	43	294077	95.592	ug/l	96
19) Methyl tert-butyl Ether	4.23	73	1270962	99.680	ug/l	99
20) Methylene Chloride	3.80	84	787008	87.036	ug/l	99
21) trans-1,2-Dichloroethene	4.21	96	763941	95.205	ug/l	99
22) Diisopropyl ether	5.10	45	2027906	95.663	ug/l	97
23) Vinyl Acetate	5.04	43	5757990	491.396	ug/l	100
24) 1,1-Dichloroethane	4.97	63	1328514	101.693	ug/l	100
25) 2-Butanone	6.06	43	980807	530.240	ug/l	99
26) 2,2-Dichloropropane	6.01	77	998597	94.084	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	791280	92.532	ug/l	93
28) Bromochloromethane	6.43	49	499870	107.143	ug/l	99
29) Tetrahydrofuran	6.44	42	468672	529.060	ug/l	99
30) Chloroform	6.66	83	1362346	100.203	ug/l	97
31) Cyclohexane	6.94	56	1022187	102.043	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	1180843	98.883	ug/l	99
36) 1,1-Dichloropropene	7.14	75	989581	90.324	ug/l	99
37) Ethyl Acetate	6.17	43	414671	91.174	ug/l	97
38) Carbon Tetrachloride	7.10	117	1175676m	92.898	ug/l	
39) Methylcyclohexane	8.85	83	1105632	96.804	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	7.45	78	2485898	93.778	ug/l	99
41) Methacrylonitrile	6.43	41	528776	103.156	ug/l	99
42) 1,2-Dichloroethane	7.57	62	835955	99.775	ug/l	98
43) Isopropyl Acetate	9.23	43	655427	100.280	ug/l #	98
44) Trichloroethene	8.53	130	1018657	100.874	ug/l	98
45) 1,2-Dichloropropane	8.93	63	646389	99.545	ug/l	98
46) Dibromomethane	9.05	93	463397	100.681	ug/l	95
47) Bromodichloromethane	9.37	83	1013768	98.535	ug/l	100
48) Methyl methacrylate	9.11	41	379602	105.038	ug/l	99
49) 1,4-Dioxane	9.07	88	89468	2236.633	ug/l	98
51) 4-Methyl-2-Pentanone	10.30	43	1848341	480.270	ug/l	95
52) Toluene	10.51	92	1550542	94.426	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	907118	99.836	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	1066663	95.297	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	529479	97.797	ug/l	97
56) Ethyl methacrylate	11.04	69	596509	101.402	ug/l	99
57) 1,3-Dichloropropane	11.40	76	777529	95.117	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	1206498	452.700	ug/l	100
59) 2-Hexanone	11.53	43	1416061	487.555	ug/l	94
60) Dibromochloromethane	11.68	129	827960	96.075	ug/l	99
61) 1,2-Dibromoethane	11.80	107	617692	96.681	ug/l	98
64) Tetrachloroethene	11.26	164	737350	104.588	ug/l	97
65) Chlorobenzene	12.40	112	1699367	93.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	650947	89.870	ug/l	98
67) Ethyl Benzene	12.53	91	2382346	82.108	ug/l	99
68) m/p-Xylenes	12.66	106	1904433	177.700	ug/l	98
69) o-Xylene	13.05	106	957337	92.365	ug/l	94
70) Stvrene	13.07	104	1637178	92.240	ug/l	97
71) Bromoform	13.23	173	486078	112.452	ug/l #	98
73) Isopropylbenzene	13.40	105	2714741	93.336	ug/l	96
74) N-amyl acetate	13.26	43	842715	107.201	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	582855	100.215	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	592964	102.251	ug/l	98
77) Bromobenzene	13.67	156	809856	95.038	ug/l	85
78) n-propylbenzene	13.78	91	3143017	91.864	ug/l	94
79) 2-Chlorotoluene	13.83	91	1694654	86.621	ug/l	94
80) 1,3,5-Trimethylbenzene	13.93	105	2000365	87.631	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	178605	99.511	ug/l	96
82) 4-Chlorotoluene	13.94	91	1746708	81.710	ug/l	95
83) tert-Butylbenzene	14.19	119	2462827	90.180	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	2076346	88.516	ug/l	97
85) sec-Butylbenzene	14.37	105	2736970	93.830	ug/l	96
86) p-Isopropyltoluene	14.48	119	2361829	87.767	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	1411393	97.255	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	1334842	92.861	ug/l	97
89) n-Butylbenzene	14.80	91	1929727	83.529	ug/l	97
90) Hexachloroethane	15.01	117	669534	96.388	ug/l	83
91) 1,2-Dichlorobenzene	14.81	146	1027560	86.345	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	82747	113.716	ug/l	63
93) 1,2,4-Trichlorobenzene	15.94	180	578455	96.080	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	16.04	225	449489	97.027	ug/l	100
95) Naphthalene	16.12	128	1033349	108.830	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	292460	98.108	ug/l	99

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

