

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064800.D
 Acq On : 07 Jan 2020 18:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:26:52 AM

Quant Time: Jan 08 08:26:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	326407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	491177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	453824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	156415	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.92	113	151255	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.34	98	567921	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.64	95	183840	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113238	44.640	ug/l	98
3) Chloromethane	2.21	50	180825	50.970	ug/l	95
4) Vinyl Chloride	2.35	62	209690	48.477	ug/l	95
5) Bromomethane	2.77	94	150318	47.794	ug/l	93
6) Chloroethane	2.93	64	145976	50.365	ug/l	94
7) Trichlorofluoromethane	3.27	101	340136	46.701	ug/l	100
8) Diethyl Ether	3.70	74	79880	55.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	145672	48.295	ug/l	98
10) Methyl Iodide	4.30	142	170185	52.526	ug/l	100
11) Tert butyl alcohol	5.25	59	46034	279.075	ug/l	94
12) 1,1-Dichloroethene	4.06	96	140158	48.807	ug/l	99
13) Acrolein	3.92	56	57195	248.798	ug/l	97
14) Allyl chloride	4.71	41	243336	54.348	ug/l	99
15) Acrylonitrile	5.43	53	171748	285.090	ug/l	98
16) Acetone	4.16	43	167595	280.213	ug/l	97
17) Carbon Disulfide	4.40	76	428552	46.153	ug/l	99
18) Methyl Acetate	4.73	43	94305	58.198	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	362994	56.910	ug/l	99
20) Methylene Chloride	4.97	84	178815	61.911	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	168803	51.615	ug/l	98
22) Diisopropyl ether	6.37	45	505637	56.620	ug/l	99
23) Vinyl Acetate	6.31	43	1477238	291.606	ug/l	99
24) 1,1-Dichloroethane	6.26	63	293197	54.689	ug/l	97
25) 2-Butanone	7.22	43	231123	292.134	ug/l	98
26) 2,2-Dichloropropane	7.21	77	259170	51.994	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	189380	53.656	ug/l	98
28) Bromochloromethane	7.55	49	117613	56.435	ug/l	100
29) Tetrahydrofuran	7.57	42	141852	288.318	ug/l	99
30) Chloroform	7.71	83	311502	55.380	ug/l	99
31) Cyclohexane	7.98	56	236975	44.158	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	275371	52.122	ug/l	99
36) 1,1-Dichloropropene	8.11	75	227599	48.143	ug/l	99
37) Ethyl Acetate	7.30	43	102234	55.047	ug/l	99
38) Carbon Tetrachloride	8.10	117	246971	48.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	260018	45.411	ug/l	94
40) Benzene	8.36	78	665335	51.553	ug/l	98
41) Methacrylonitrile	7.53	41	51300	47.607	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	207422	55.617	ug/l	99
43) Isopropyl Acetate	8.46	43	201813	54.593	ug/l	99
44) Trichloroethene	9.11	130	190328	50.201	ug/l	96
45) 1,2-Dichloropropane	9.39	63	166491	54.031	ug/l	97
46) Dibromomethane	9.48	93	92901	54.075	ug/l	99
47) Bromodichloromethane	9.67	83	250487	54.793	ug/l	98
48) Methyl methacrylate	9.46	41	95011	54.585	ug/l	96
49) 1,4-Dioxane	9.47	88	21621	1091.439	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	516147	282.483	ug/l	99
52) Toluene	10.41	92	435916	51.483	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	236179	55.413	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	273704	54.462	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	125931	54.391	ug/l	97
56) Ethyl methacrylate	10.66	69	165359	57.188	ug/l	97
57) 1,3-Dichloropropane	10.95	76	217871	54.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	269567	244.697	ug/l	98
59) 2-Hexanone	10.99	43	358810	289.329	ug/l	99
60) Dibromochloromethane	11.14	129	173549	54.205	ug/l	99
61) 1,2-Dibromoethane	11.25	107	122226	53.523	ug/l	98
64) Tetrachloroethene	10.88	164	162525	46.680	ug/l	98
65) Chlorobenzene	11.67	112	478296	50.780	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	186993	52.662	ug/l	98
67) Ethyl Benzene	11.75	91	848233	49.615	ug/l	100
68) m/p-Xylenes	11.86	106	658997	99.867	ug/l	99
69) o-Xylene	12.18	106	306188	51.371	ug/l	99
70) Styrene	12.20	104	542345	51.839	ug/l	99
71) Bromoform	12.37	173	109513	54.082	ug/l #	99
73) Isopropylbenzene	12.48	105	808913	49.756	ug/l	99
74) N-amyl acetate	12.30	43	189604	54.557	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	134118	52.514	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	87160m	48.517	ug/l	
77) Bromobenzene	12.77	156	203924	51.048	ug/l	98
78) n-propylbenzene	12.83	91	937753	49.442	ug/l	100
79) 2-Chlorotoluene	12.91	91	529558	50.825	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	670844	50.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	44517	51.827	ug/l	95
82) 4-Chlorotoluene	13.01	91	552697	49.846	ug/l	100
83) tert-Butylbenzene	13.23	119	573694	49.476	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	682977	51.349	ug/l	98
85) sec-Butylbenzene	13.41	105	779756	49.051	ug/l	99
86) p-Isopropyltoluene	13.53	119	762402	50.157	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	387541	50.889	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	374097	50.006	ug/l	99
89) n-Butylbenzene	13.86	91	677524	49.496	ug/l	99
90) Hexachloroethane	14.12	117	143157	49.304	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	331854	51.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	40621	98.113	ug/l	55

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	243549	50.937	ug/l	99
94) Hexachlorobutadiene	15.28	225	138045	45.881	ug/l	98
95) Naphthalene	15.41	128	406229	53.705	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	207530	50.842	ug/l	99

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

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