

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064790.D
 Acq On : 07 Jan 2020 13:47
 Operator : VA/SY
 Sample : VD0107SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBS01

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:26:33 AM

Quant Time: Jan 08 08:04:33 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	330885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	490248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	426831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215126	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	152442	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.91	113	155521	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.34	98	586233	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.64	95	182807	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	51765	20.131	ug/l	96
3) Chloromethane	2.21	50	81422	22.640	ug/l	99
4) Vinyl Chloride	2.35	62	93670	21.362	ug/l	97
5) Bromomethane	2.76	94	67472	21.163	ug/l	97
6) Chloroethane	2.92	64	63390	21.575	ug/l	97
7) Trichlorofluoromethane	3.27	101	152731	20.686	ug/l	99
8) Diethyl Ether	3.71	74	33243	22.674	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	63185	20.664	ug/l	97
10) Methyl Iodide	4.29	142	62505	19.031	ug/l	99
11) Tert butyl alcohol	5.25	59	19709	117.866	ug/l	95
12) 1,1-Dichloroethene	4.06	96	61503	21.127	ug/l	93
13) Acrolein	3.92	56	19371	83.123	ug/l	99
14) Allyl chloride	4.71	41	99553	21.934	ug/l	98
15) Acrylonitrile	5.43	53	69795	114.287	ug/l	98
16) Acetone	4.17	43	68178	106.106	ug/l	100
17) Carbon Disulfide	4.40	76	195916	20.814	ug/l	100
18) Methyl Acetate	4.73	43	36363	22.137	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	141884	21.943	ug/l	98
20) Methylene Chloride	4.96	84	76697	23.070	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	72683	21.924	ug/l	97
22) Diisopropyl ether	6.37	45	201951	22.308	ug/l	95
23) Vinyl Acetate	6.31	43	558853	108.824	ug/l	99
24) 1,1-Dichloroethane	6.27	63	123553	22.734	ug/l	96
25) 2-Butanone	7.23	43	88601	110.474	ug/l	94
26) 2,2-Dichloropropane	7.21	77	111885	22.142	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	78252	21.871	ug/l	96
28) Bromochloromethane	7.55	49	44920	21.262	ug/l	99
29) Tetrahydrofuran	7.57	42	53853	107.976	ug/l	99
30) Chloroform	7.71	83	131632	23.085	ug/l	95
31) Cyclohexane	7.98	56	110245	20.265	ug/l	# 95
32) 1,1,1-Trichloroethane	7.91	97	120437	22.488	ug/l	99
36) 1,1-Dichloropropene	8.11	75	97934	20.755	ug/l	99
37) Ethyl Acetate	7.30	43	39735	21.435	ug/l	98
38) Carbon Tetrachloride	8.10	117	106524	21.172	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	113222	19.811	ug/l	94
40) Benzene	8.35	78	280845	21.803	ug/l	99
41) Methacrylonitrile	7.53	41	27388	25.465	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	84712	22.757	ug/l	98
43) Isopropyl Acetate	8.46	43	77057	20.885	ug/l	98
44) Trichloroethene	9.11	130	79795	21.087	ug/l	93
45) 1,2-Dichloropropane	9.39	63	68699	22.337	ug/l	99
46) Dibromomethane	9.48	93	36126	21.068	ug/l	93
47) Bromodichloromethane	9.67	83	101339	22.209	ug/l	100
48) Methyl methacrylate	9.46	41	35209	20.267	ug/l #	87
49) 1,4-Dioxane	9.47	88	8581	433.994	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	193192	105.933	ug/l	100
52) Toluene	10.41	92	180904	21.406	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	93793	22.048	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	111090	22.147	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	50872	22.014	ug/l	94
56) Ethyl methacrylate	10.67	69	61312	21.244	ug/l	96
57) 1,3-Dichloropropane	10.95	76	88122	22.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	120260	109.372	ug/l	97
59) 2-Hexanone	10.99	43	136438	110.226	ug/l	98
60) Dibromochloromethane	11.14	129	70368	22.020	ug/l	99
61) 1,2-Dibromoethane	11.25	107	50142	21.999	ug/l	99
64) Tetrachloroethene	10.87	164	71391	21.802	ug/l	89
65) Chlorobenzene	11.67	112	196561	22.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	73289	21.945	ug/l	99
67) Ethyl Benzene	11.75	91	344905	21.450	ug/l	100
68) m/p-Xylenes	11.86	106	265224	42.735	ug/l	98
69) o-Xylene	12.18	106	120361	21.471	ug/l	99
70) Styrene	12.20	104	211575	21.502	ug/l	99
71) Bromoform	12.37	173	42126	22.119	ug/l #	97
73) Isopropylbenzene	12.48	105	325570	21.178	ug/l	98
74) N-amyl acetate	12.30	43	70473	21.445	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	50993	21.115	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	34499m	20.308	ug/l	
77) Bromobenzene	12.77	156	82918	21.951	ug/l	99
78) n-propylbenzene	12.83	91	386798	21.567	ug/l	98
79) 2-Chlorotoluene	12.91	91	208016	21.113	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	269816	21.366	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	16709	20.572	ug/l	93
82) 4-Chlorotoluene	13.01	91	221000	21.078	ug/l	99
83) tert-Butylbenzene	13.23	119	226521	20.659	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	273342	21.733	ug/l	99
85) sec-Butylbenzene	13.41	105	316576	21.060	ug/l	99
86) p-Isopropyltoluene	13.53	119	295262	20.542	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	155007	21.525	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	151162	21.368	ug/l	97
89) n-Butylbenzene	13.86	91	271597	20.983	ug/l	97
90) Hexachloroethane	14.12	117	60480	22.028	ug/l	91
91) 1,2-Dichlorobenzene	13.90	146	133010	21.661	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8374	21.389	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	92945	20.557	ug/l	99
94) Hexachlorobutadiene	15.28	225	56594	19.892	ug/l	97
95) Naphthalene	15.41	128	138490	19.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	80505	20.857	ug/l	98

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

