

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001137.D
 Acq On : 02 Jan 2020 16:25
 Operator : SY/MD
 Sample : VY0102SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:13:27 AM

Quant Time: Jan 02 23:30:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	363636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	514769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	155560	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	7.73	113	171798	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.18	98	694081	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
62) 4-Bromofluorobenzene	12.48	95	229306	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	58575	21.874	ug/l	96
3) Chloromethane	2.12	50	52281	28.129	ug/l	99
4) Vinyl Chloride	2.25	62	49560	26.226	ug/l	97
5) Bromomethane	2.63	94	36843	26.842	ug/l	95
6) Chloroethane	2.79	64	33268	25.941	ug/l	95
7) Trichlorofluoromethane	3.13	101	100870	19.832	ug/l	99
8) Diethyl Ether	3.54	74	47554	26.610	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	81156	25.381	ug/l	93
10) Methyl Iodide	4.10	142	109280	21.547	ug/l	99
11) Tert butyl alcohol	4.97	59	36922	126.062	ug/l	98
12) 1,1-Dichloroethene	3.88	96	81383	24.667	ug/l	97
13) Acrolein	3.74	56	41392	154.673	ug/l	98
14) Allyl chloride	4.49	41	88035	23.153	ug/l	99
15) Acrylonitrile	5.18	53	100855	119.997	ug/l	98
16) Acetone	3.95	43	72038	136.175	ug/l	94
17) Carbon Disulfide	4.19	76	241840	23.624	ug/l	99
18) Methyl Acetate	4.49	43	45938	24.903	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	187573	22.806	ug/l	97
20) Methylene Chloride	4.72	84	95558	23.981	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	87596	23.122	ug/l	90
22) Diisopropyl ether	6.13	45	183329	24.547	ug/l	94
23) Vinyl Acetate	6.07	43	582969	118.177	ug/l	99
24) 1,1-Dichloroethane	6.03	63	125096	24.231	ug/l	97
25) 2-Butanone	7.00	43	108893	114.203	ug/l	98
26) 2,2-Dichloropropane	6.99	77	112317	20.165	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	95467	21.450	ug/l	99
28) Bromochloromethane	7.34	49	38433	19.861	ug/l	98
29) Tetrahydrofuran	7.36	42	71900	112.127	ug/l	98
30) Chloroform	7.52	83	131596	20.883	ug/l	97
31) Cyclohexane	7.79	56	119956	20.039	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	116983	19.886	ug/l	99
36) 1,1-Dichloropropene	7.93	75	104156	19.958	ug/l	100
37) Ethyl Acetate	7.08	43	47747	21.995	ug/l	98
38) Carbon Tetrachloride	7.91	117	107545	19.832	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	148278	20.507	ug/l	97
40) Benzene	8.17	78	326779	20.338	ug/l	97
41) Methacrylonitrile	7.33	41	21896m	22.399	ug/l	
42) 1,2-Dichloroethane	8.24	62	78151	20.437	ug/l	100
43) Isopropyl Acetate	8.28	43	91614	21.479	ug/l	98
44) Trichloroethene	8.94	130	98107	20.407	ug/l	93
45) 1,2-Dichloropropane	9.22	63	73302	20.541	ug/l	96
46) Dibromomethane	9.31	93	43194	20.550	ug/l	98
47) Bromodichloromethane	9.50	83	98165	20.757	ug/l	99
48) Methyl methacrylate	9.30	41	37620	20.704	ug/l	99
49) 1,4-Dioxane	9.30	88	12817	405.402	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	232583	115.628	ug/l	100
52) Toluene	10.24	92	210193	21.480	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	103414	20.934	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	124320	21.422	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	65633	21.600	ug/l	99
56) Ethyl methacrylate	10.50	69	85627	21.988	ug/l	99
57) 1,3-Dichloropropane	10.79	76	108971	22.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	158417	113.504	ug/l	97
59) 2-Hexanone	10.83	43	160650	118.214	ug/l	99
60) Dibromochloromethane	10.99	129	75562	21.718	ug/l	98
61) 1,2-Dibromoethane	11.09	107	64209	21.733	ug/l	99
64) Tetrachloroethene	10.72	164	101714	21.058	ug/l	98
65) Chlorobenzene	11.52	112	223277	20.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	79505	20.606	ug/l	98
67) Ethyl Benzene	11.59	91	392654	20.584	ug/l	98
68) m/p-Xylenes	11.70	106	307227	40.733	ug/l	99
69) o-Xylene	12.03	106	144563	20.188	ug/l	100
70) Styrene	12.04	104	245804	20.280	ug/l	99
71) Bromoform	12.20	173	43699	19.236	ug/l #	99
73) Isopropylbenzene	12.33	105	388217	21.330	ug/l	98
74) N-amyl acetate	12.14	43	75961	22.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68189	21.198	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	48870m	19.141	ug/l	
77) Bromobenzene	12.61	156	89862	20.421	ug/l	99
78) n-propylbenzene	12.67	91	439053	20.402	ug/l	99
79) 2-Chlorotoluene	12.75	91	244208	20.505	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	316455	20.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27565	22.382	ug/l	97
82) 4-Chlorotoluene	12.85	91	250963	20.500	ug/l	99
83) tert-Butylbenzene	13.07	119	276887	21.105	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	318007	20.628	ug/l	99
85) sec-Butylbenzene	13.25	105	382174	20.799	ug/l	98
86) p-Isopropyltoluene	13.37	119	336656	20.345	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	174521	21.190	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	172001	20.743	ug/l	100
89) n-Butylbenzene	13.69	91	323021	20.798	ug/l	99
90) Hexachloroethane	13.95	117	64815	21.146	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	159496	21.115	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11933	21.030	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	112874	21.695	ug/l	96
94) Hexachlorobutadiene	15.11	225	55026	20.882	ug/l	98
95) Naphthalene	15.23	128	256337	21.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	100292	21.541	ug/l	97

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

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