

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001153.D
 Acq On : 10 Jan 2020 17:43
 Operator : SY/MD
 Sample : VY0110SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:39:16 PM

Quant Time: Jan 10 18:12:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	218883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	377565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	337624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	119832	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.72	113	112301	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.18	98	460438	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.48	95	176591	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	36825	21.907	ug/l	95
3) Chloromethane	2.11	50	50103	20.678	ug/l	97
4) Vinyl Chloride	2.26	62	52617	21.555	ug/l	96
5) Bromomethane	2.65	94	28883	22.028	ug/l	94
6) Chloroethane	2.79	64	29949	21.236	ug/l	93
7) Trichlorofluoromethane	3.13	101	70934	20.876	ug/l	100
8) Diethyl Ether	3.53	74	27602	20.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	45198	20.666	ug/l	99
10) Methyl Iodide	4.09	142	63659	21.265	ug/l	99
11) Tert butyl alcohol	4.97	59	24140	103.785	ug/l	99
12) 1,1-Dichloroethene	3.88	96	46538	20.798	ug/l	96
13) Acrolein	3.73	56	24174	115.446	ug/l	100
14) Allyl chloride	4.49	41	77511	20.524	ug/l	100
15) Acrylonitrile	5.17	53	68150	103.209	ug/l	99
16) Acetone	3.95	43	48468	90.275	ug/l	100
17) Carbon Disulfide	4.19	76	153657	21.217	ug/l	99
18) Methyl Acetate	4.49	43	34564	19.472	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	129662	20.949	ug/l	97
20) Methylene Chloride	4.72	84	55348	18.659	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	53385	21.041	ug/l	97
22) Diisopropyl ether	6.13	45	157140	20.372	ug/l	97
23) Vinyl Acetate	6.07	43	508641	103.107	ug/l	99
24) 1,1-Dichloroethane	6.02	63	89187	21.120	ug/l	100
25) 2-Butanone	7.00	43	86281	103.257	ug/l	100
26) 2,2-Dichloropropane	6.99	77	79608	20.500	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	58901	21.186	ug/l	100
28) Bromochloromethane	7.34	49	30946	17.846	ug/l	100
29) Tetrahydrofuran	7.35	42	58298	101.806	ug/l	99
30) Chloroform	7.51	83	84807	20.496	ug/l	100
31) Cyclohexane	7.78	56	90236	20.182	ug/l	89
32) 1,1,1-Trichloroethane	7.71	97	74922	20.408	ug/l	100
36) 1,1-Dichloropropene	7.92	75	71424	20.755	ug/l	100
37) Ethyl Acetate	7.08	43	41554	20.575	ug/l	99
38) Carbon Tetrachloride	7.90	117	65364	20.726	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	96108	20.600	ug/l	96
40) Benzene	8.16	78	209993	20.905	ug/l	99
41) Methacrylonitrile	7.32	41	18087m	19.065	ug/l	
42) 1,2-Dichloroethane	8.24	62	58653	20.852	ug/l	99
43) Isopropyl Acetate	8.28	43	79777	20.658	ug/l	100
44) Trichloroethene	8.94	130	54735	20.911	ug/l	97
45) 1,2-Dichloropropane	9.22	63	52548	21.160	ug/l	96
46) Dibromomethane	9.31	93	28271	20.864	ug/l	98
47) Bromodichloromethane	9.50	83	69001	20.895	ug/l	98
48) Methyl methacrylate	9.29	41	36634	20.499	ug/l	99
49) 1,4-Dioxane	9.30	88	6188	375.000	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	200952	102.550	ug/l	99
52) Toluene	10.24	92	134587	21.006	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	77743	21.039	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	87151	20.919	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	42119	20.968	ug/l	99
56) Ethyl methacrylate	10.51	69	64675	21.048	ug/l	100
57) 1,3-Dichloropropane	10.79	76	72420	21.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	112712	104.293	ug/l	100
59) 2-Hexanone	10.83	43	141965	103.374	ug/l	100
60) Dibromochloromethane	10.98	129	48482	20.962	ug/l	99
61) 1,2-Dibromoethane	11.09	107	40335	20.564	ug/l	99
64) Tetrachloroethene	10.72	164	46803	21.505	ug/l	98
65) Chlorobenzene	11.52	112	141196	20.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	48781	20.980	ug/l	98
67) Ethyl Benzene	11.59	91	257790	20.889	ug/l	99
68) m/p-Xylenes	11.70	106	197998	42.531	ug/l	99
69) o-Xylene	12.03	106	92790	20.789	ug/l	99
70) Styrene	12.04	104	164722	21.033	ug/l	100
71) Bromoform	12.20	173	30271	21.111	ug/l #	99
73) Isopropylbenzene	12.33	105	250396	20.567	ug/l	100
74) N-amyl acetate	12.14	43	78789	20.737	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	52159	20.363	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	35608m	20.539	ug/l	
77) Bromobenzene	12.61	156	55914	20.785	ug/l	98
78) n-propylbenzene	12.67	91	302027	20.624	ug/l	100
79) 2-Chlorotoluene	12.75	91	171924	20.442	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	210648	20.737	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	21011	20.552	ug/l #	95
82) 4-Chlorotoluene	12.85	91	181892	20.259	ug/l	98
83) tert-Butylbenzene	13.07	119	176154	20.638	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	214190	21.233	ug/l	100
85) sec-Butylbenzene	13.25	105	254544	20.729	ug/l	98
86) p-Isopropyltoluene	13.37	119	227720	21.359	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	110629	21.745	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	110405	21.085	ug/l	100
89) n-Butylbenzene	13.69	91	228991	21.325	ug/l	99
90) Hexachloroethane	13.96	117	43013	20.648	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	102021	21.577	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9785	21.177	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	69407	22.279	ug/l	100
94) Hexachlorobutadiene	15.11	225	35398	22.555	ug/l	99
95) Naphthalene	15.23	128	159467	21.988	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	61047	22.235	ug/l	99

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

