

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001136.D
 Acq On : 02 Jan 2020 16:03
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:13:22 AM

Quant Time: Jan 02 23:28:48 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	369133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	608942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	527110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	154443	50.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.72	113	177525	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.18	98	712084	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.48	95	235453	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	63439	23.337	ug/l	100
3) Chloromethane	2.12	50	60802	32.226	ug/l	97
4) Vinyl Chloride	2.26	62	58577	30.536	ug/l	92
5) Bromomethane	2.64	94	40382	28.982	ug/l	99
6) Chloroethane	2.79	64	38156	29.309	ug/l	100
7) Trichlorofluoromethane	3.13	101	117259	22.711	ug/l	97
8) Diethyl Ether	3.54	74	47037	26.064	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.90	101	82229	25.333	ug/l	97
10) Methyl Iodide	4.10	142	117837	22.657	ug/l	97
11) Tert butyl alcohol	4.97	59	37019	124.601	ug/l	98
12) 1,1-Dichloroethene	3.88	96	84071	25.102	ug/l	90
13) Acrolein	3.74	56	39390	146.202	ug/l	99
14) Allyl chloride	4.48	41	92693	23.924	ug/l	99
15) Acrylonitrile	5.18	53	102918	120.556	ug/l	99
16) Acetone	3.96	43	71097	132.993	ug/l	91
17) Carbon Disulfide	4.19	76	253673	24.288	ug/l	100
18) Methyl Acetate	4.49	43	46043	24.636	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	194858	23.339	ug/l	99
20) Methylene Chloride	4.72	84	100775	24.914	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	91848	23.883	ug/l	97
22) Diisopropyl ether	6.13	45	192915	25.446	ug/l	96
23) Vinyl Acetate	6.07	43	598511	119.424	ug/l	99
24) 1,1-Dichloroethane	6.02	63	132051	25.198	ug/l	98
25) 2-Butanone	6.99	43	108063	111.645	ug/l	97
26) 2,2-Dichloropropane	6.99	77	119554	21.145	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	99083	21.930	ug/l	98
28) Bromochloromethane	7.34	49	39449	20.083	ug/l	98
29) Tetrahydrofuran	7.35	42	71759	110.240	ug/l	96
30) Chloroform	7.52	83	133254	20.831	ug/l	99
31) Cyclohexane	7.79	56	128122	21.085	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	121456	20.339	ug/l	99
36) 1,1-Dichloropropene	7.93	75	109134	20.543	ug/l	99
37) Ethyl Acetate	7.08	43	47616	21.547	ug/l	98
38) Carbon Tetrachloride	7.91	117	111938	20.278	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	151394	20.569	ug/l	93
40) Benzene	8.16	78	338068	20.669	ug/l	99
41) Methacrylonitrile	7.32	41	23986m	23.883	ug/l	
42) 1,2-Dichloroethane	8.24	62	79409	20.399	ug/l	98
43) Isopropyl Acetate	8.28	43	89308	20.569	ug/l	100
44) Trichloroethene	8.94	130	100821	20.602	ug/l	92
45) 1,2-Dichloropropane	9.22	63	74838	20.601	ug/l	100
46) Dibromomethane	9.31	93	44515	20.804	ug/l	97
47) Bromodichloromethane	9.50	83	99794	20.729	ug/l	96
48) Methyl methacrylate	9.29	41	36640	19.809	ug/l	97
49) 1,4-Dioxane	9.30	88	12622	392.186	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	232290	113.444	ug/l	98
52) Toluene	10.24	92	215449	21.628	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	109113	21.697	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	129074	21.849	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	66273	21.426	ug/l	94
56) Ethyl methacrylate	10.51	69	86786	21.892	ug/l	98
57) 1,3-Dichloropropane	10.79	76	108569	22.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	154688	108.876	ug/l	98
59) 2-Hexanone	10.83	43	156129	112.859	ug/l	100
60) Dibromochloromethane	10.99	129	76801	21.684	ug/l	99
61) 1,2-Dibromoethane	11.09	107	65147	21.661	ug/l	99
64) Tetrachloroethene	10.72	164	104588	21.146	ug/l	97
65) Chlorobenzene	11.52	112	232882	20.773	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	79164	20.038	ug/l	100
67) Ethyl Benzene	11.59	91	405201	20.744	ug/l	99
68) m/p-Xylenes	11.70	106	313195	40.552	ug/l	100
69) o-Xylene	12.03	106	149812	20.431	ug/l	99
70) Styrene	12.04	104	251846	20.292	ug/l	99
71) Bromoform	12.20	173	43924	18.883	ug/l #	97
73) Isopropylbenzene	12.33	105	388308	21.145	ug/l	100
74) N-amyl acetate	12.14	43	75602	21.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68273	21.035	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	49146m	19.078	ug/l	
77) Bromobenzene	12.61	156	91674	20.648	ug/l	97
78) n-propylbenzene	12.67	91	464124	21.375	ug/l	99
79) 2-Chlorotoluene	12.75	91	252486	21.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	320357	20.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26160	21.052	ug/l	96
82) 4-Chlorotoluene	12.85	91	259879	21.040	ug/l	99
83) tert-Butylbenzene	13.07	119	275432	20.807	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	321524	20.671	ug/l	97
85) sec-Butylbenzene	13.25	105	393266	21.212	ug/l	99
86) p-Isopropyltoluene	13.37	119	352183	21.094	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	174012	20.940	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	172632	20.634	ug/l	98
89) n-Butylbenzene	13.69	91	333595	21.287	ug/l	98
90) Hexachloroethane	13.96	117	63924	20.670	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	158947	20.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11921	20.821	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.00	180	111671	21.273	ug/l	97
94) Hexachlorobutadiene	15.11	225	54590	20.533	ug/l	97
95) Naphthalene	15.23	128	252491	21.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	101969	21.707	ug/l	98

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

