

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003205.D
 Acq On : 16 Jul 2020 13:00
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:43:08 PM

Quant Time: Jul 17 05:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	431034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	629273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	579285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	305612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	174794	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.72	113	167592	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	10.18	98	616094	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.48	95	224155	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	71697	23.208	ug/l	98
3) Chloromethane	2.12	50	93953	21.925	ug/l	98
4) Vinyl Chloride	2.26	62	95238	21.661	ug/l	100
5) Bromomethane	2.64	94	69659	21.331	ug/l	97
6) Chloroethane	2.79	64	60099	20.811	ug/l	98
7) Trichlorofluoromethane	3.13	101	134950	21.493	ug/l	97
8) Diethyl Ether	3.53	74	44717	21.253	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	77635	20.473	ug/l	99
10) Methyl Iodide	4.10	142	75823	18.404	ug/l	100
11) Tert butyl alcohol	4.97	59	43412	110.353	ug/l	99
12) 1,1-Dichloroethene	3.88	96	73333	20.445	ug/l	97
13) Acrolein	3.74	56	32491	95.155	ug/l	97
14) Allyl chloride	4.48	41	122412	23.000	ug/l	98
15) Acrylonitrile	5.18	53	109929	108.766	ug/l	98
16) Acetone	3.95	43	89771	110.469	ug/l	91
17) Carbon Disulfide	4.20	76	234067	21.267	ug/l	98
18) Methyl Acetate	4.49	43	49680	22.014	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	208705	20.764	ug/l	99
20) Methylene Chloride	4.72	84	124098	27.925	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	82264	20.278	ug/l	92
22) Diisopropyl ether	6.13	45	265698	22.494	ug/l	98
23) Vinyl Acetate	6.07	43	869617	110.457	ug/l	97
24) 1,1-Dichloroethane	6.02	63	147800	21.598	ug/l	98
25) 2-Butanone	6.99	43	148724	111.464	ug/l	96
26) 2,2-Dichloropropane	6.99	77	133567	21.673	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	91980	20.593	ug/l	97
28) Bromochloromethane	7.34	49	68552	23.138	ug/l	93
29) Tetrahydrofuran	7.35	42	100398	112.008	ug/l	94
30) Chloroform	7.52	83	144778	20.541	ug/l	97
31) Cyclohexane	7.79	56	146436	22.129	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	133517	21.043	ug/l	99
36) 1,1-Dichloropropene	7.93	75	118015	20.692	ug/l	98
37) Ethyl Acetate	7.08	43	69340	22.576	ug/l	97
38) Carbon Tetrachloride	7.91	117	122755	20.849	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146475	20.444	ug/l	94
40) Benzene	8.16	78	326450	20.788	ug/l	96
41) Methacrylonitrile	7.33	41	41768m	22.580	ug/l	
42) 1,2-Dichloroethane	8.24	62	98955	20.468	ug/l	98
43) Isopropyl Acetate	8.28	43	130722	21.988	ug/l	98
44) Trichloroethene	8.94	130	93107	19.341	ug/l	96
45) 1,2-Dichloropropane	9.22	63	84271	20.739	ug/l	97
46) Dibromomethane	9.31	93	47084	19.839	ug/l	98
47) Bromodichloromethane	9.50	83	115010	20.375	ug/l	98
48) Methyl methacrylate	9.30	41	58931	22.173	ug/l	92
49) 1,4-Dioxane	9.30	88	12313	408.780	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	337934	109.361	ug/l	98
52) Toluene	10.24	92	206395	20.563	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	120924	20.677	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	138187	20.508	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	66489	19.770	ug/l	98
56) Ethyl methacrylate	10.51	69	94297	20.624	ug/l	96
57) 1,3-Dichloropropane	10.79	76	117651	20.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	255756	109.680	ug/l	96
59) 2-Hexanone	10.83	43	234476	108.700	ug/l	98
60) Dibromochloromethane	10.99	129	83790	19.809	ug/l	100
61) 1,2-Dibromoethane	11.09	107	65984	19.879	ug/l	95
64) Tetrachloroethene	10.72	164	97105	18.800	ug/l	97
65) Chlorobenzene	11.52	112	223112	19.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	84467	19.488	ug/l	98
67) Ethyl Benzene	11.59	91	401651	20.158	ug/l	97
68) m/p-Xylenes	11.70	106	302393	39.998	ug/l	97
69) o-Xylene	12.03	106	141525	20.038	ug/l	99
70) Styrene	12.04	104	240319	19.890	ug/l	99
71) Bromoform	12.20	173	55974	19.676	ug/l	99
73) Isopropylbenzene	12.33	105	389964	20.023	ug/l	100
74) N-amyl acetate	12.14	43	120512	22.053	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	76868	20.436	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	54279m	20.065	ug/l	
77) Bromobenzene	12.61	156	98439	19.829	ug/l	97
78) n-propylbenzene	12.67	91	480496	20.930	ug/l	98
79) 2-Chlorotoluene	12.75	91	260532	20.341	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	331490	20.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27998	20.143	ug/l	96
82) 4-Chlorotoluene	12.85	91	277319	20.744	ug/l	99
83) tert-Butylbenzene	13.07	119	295660	20.643	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	332596	20.365	ug/l	98
85) sec-Butylbenzene	13.25	105	405416	20.595	ug/l	99
86) p-Isopropyltoluene	13.37	119	375745	20.442	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	186471	19.863	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	182912	19.680	ug/l	97
89) n-Butylbenzene	13.69	91	363617	21.032	ug/l	99
90) Hexachloroethane	13.96	117	69392	20.731	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	166603	20.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12439	20.398	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	115642	19.731	ug/l	98
94) Hexachlorobutadiene	15.11	225	82442	20.528	ug/l	99
95) Naphthalene	15.23	128	183325	18.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	87243	18.831	ug/l	99

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

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