

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001894.D
 Acq On : 06 Mar 2020 12:19
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:03 AM

Quant Time: Mar 06 23:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	269463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	122834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	88722	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.75	113	82971	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.20	98	342958	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.50	95	117333	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	27954	18.419	ug/l	99
3) Chloromethane	2.13	50	41422	20.244	ug/l	99
4) Vinyl Chloride	2.27	62	40137	19.285	ug/l	97
5) Bromomethane	2.66	94	28041	19.497	ug/l	86
6) Chloroethane	2.81	64	26470	20.246	ug/l	100
7) Trichlorofluoromethane	3.15	101	53851	19.078	ug/l	95
8) Diethyl Ether	3.55	74	22598	20.313	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	35983	19.820	ug/l	99
10) Methyl Iodide	4.12	142	37254	17.744	ug/l	99
11) Tert butyl alcohol	4.99	59	28316	145.593	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	36441	19.935	ug/l	98
13) Acrolein	3.75	56	24138	97.863	ug/l	97
14) Allyl chloride	4.51	41	63926	19.726	ug/l	98
15) Acrylonitrile	5.21	53	58112	97.755	ug/l	99
16) Acetone	3.97	43	46677	91.304	ug/l	96
17) Carbon Disulfide	4.22	76	117720	19.157	ug/l	98
18) Methyl Acetate	4.51	43	25743	19.598	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	100012	20.189	ug/l	98
20) Methylene Chloride	4.75	84	46094	21.038	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	40809	19.669	ug/l	100
22) Diisopropyl ether	6.15	45	135025	20.327	ug/l	97
23) Vinyl Acetate	6.10	43	436821	100.308	ug/l	98
24) 1,1-Dichloroethane	6.05	63	71962	20.005	ug/l	99
25) 2-Butanone	7.02	43	74857	96.287	ug/l	100
26) 2,2-Dichloropropane	7.02	77	60786	20.588	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	45630	20.218	ug/l	99
28) Bromochloromethane	7.36	49	33842	20.872	ug/l	97
29) Tetrahydrofuran	7.38	42	49284	95.463	ug/l	100
30) Chloroform	7.53	83	68173	20.171	ug/l	99
31) Cyclohexane	7.81	56	73247	18.990	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	56766	19.928	ug/l	98
36) 1,1-Dichloropropene	7.94	75	55976	19.422	ug/l	99
37) Ethyl Acetate	7.11	43	33603	20.060	ug/l	98
38) Carbon Tetrachloride	7.92	117	48208	19.580	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	74412	19.466	ug/l	98
40) Benzene	8.19	78	169537	19.846	ug/l	99
41) Methacrylonitrile	7.36	41	19798m	26.262	ug/l	
42) 1,2-Dichloroethane	8.26	62	45067	20.473	ug/l	99
43) Isopropyl Acetate	8.30	43	62048	19.565	ug/l	98
44) Trichloroethene	8.96	130	40656	19.541	ug/l	97
45) 1,2-Dichloropropane	9.24	63	43859	20.424	ug/l	99
46) Dibromomethane	9.33	93	21765	19.667	ug/l	99
47) Bromodichloromethane	9.52	83	51969	20.188	ug/l	97
48) Methyl methacrylate	9.31	41	28614	20.333	ug/l	98
49) 1,4-Dioxane	9.33	88	5444	359.013	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	169177	103.566	ug/l	100
52) Toluene	10.26	92	103667	19.976	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	56990	20.320	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	66586	19.943	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	31582	19.500	ug/l	97
56) Ethyl methacrylate	10.53	69	45995	19.375	ug/l	95
57) 1,3-Dichloropropane	10.81	76	57771	20.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	126433	137.947	ug/l	99
59) 2-Hexanone	10.85	43	109793	94.168	ug/l	99
60) Dibromochloromethane	11.00	129	33806	19.809	ug/l	99
61) 1,2-Dibromoethane	11.11	107	29672	19.341	ug/l	99
64) Tetrachloroethene	10.74	164	33459	19.800	ug/l	92
65) Chlorobenzene	11.53	112	106029	19.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	35160	19.969	ug/l	99
67) Ethyl Benzene	11.61	91	195948	19.568	ug/l	97
68) m/p-Xylenes	11.72	106	146684	39.622	ug/l	99
69) o-Xylene	12.05	106	68998	19.774	ug/l	100
70) Styrene	12.06	104	119926	20.067	ug/l	100
71) Bromoform	12.22	173	18585	19.463	ug/l #	99
73) Isopropylbenzene	12.34	105	183986	19.621	ug/l	99
74) N-amyl acetate	12.16	43	55419	19.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39174	19.373	ug/l	97
76) 1,2,3-Trichloropropane	12.65	75	25406m	17.431	ug/l	
77) Bromobenzene	12.63	156	39759	20.013	ug/l	97
78) n-propylbenzene	12.69	91	230346	19.912	ug/l	99
79) 2-Chlorotoluene	12.77	91	126281	19.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	152587	19.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13085	18.134	ug/l	94
82) 4-Chlorotoluene	12.87	91	134024	20.140	ug/l	100
83) tert-Butylbenzene	13.09	119	126907	19.793	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	151751	19.809	ug/l	99
85) sec-Butylbenzene	13.27	105	188044	19.898	ug/l	100
86) p-Isopropyltoluene	13.39	119	164572	20.187	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	78013	20.039	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	78463	19.867	ug/l	98
89) n-Butylbenzene	13.71	91	167213	19.770	ug/l	99
90) Hexachloroethane	13.98	117	30192	19.631	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	70494	19.932	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5889	18.663	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46139	20.116	ug/l	99
94) Hexachlorobutadiene	15.13	225	22245	19.893	ug/l	98
95) Naphthalene	15.25	128	102268	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40999	20.291	ug/l	98

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

