

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003137.D
 Acq On : 08 Jul 2020 15:32
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:52 AM

Quant Time: Jul 09 02:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	576409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	534012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	292394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	192131	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.72	113	187839	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.18	98	685179	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.48	95	244898	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	55000	18.126	ug/l	98
3) Chloromethane	2.12	50	78250	17.611	ug/l	98
4) Vinyl Chloride	2.26	62	83584	19.285	ug/l	100
5) Bromomethane	2.65	94	64693	21.984	ug/l	94
6) Chloroethane	2.79	64	58095	21.070	ug/l	99
7) Trichlorofluoromethane	3.13	101	128001	20.924	ug/l	98
8) Diethyl Ether	3.54	74	44093	21.025	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	78554	21.506	ug/l	99
10) Methyl Iodide	4.10	142	93894	20.730	ug/l	100
11) Tert butyl alcohol	4.97	59	41147	101.463	ug/l	97
12) 1,1-Dichloroethene	3.88	96	71928	20.696	ug/l	92
13) Acrolein	3.74	56	29473	80.918	ug/l	100
14) Allyl chloride	4.49	41	107074	17.646	ug/l	95
15) Acrylonitrile	5.18	53	108698	100.568	ug/l	99
16) Acetone	3.96	43	85225	90.809	ug/l	96
17) Carbon Disulfide	4.20	76	211643	19.060	ug/l	100
18) Methyl Acetate	4.49	43	50942	20.147	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	209397	20.670	ug/l	98
20) Methylene Chloride	4.72	84	104963	21.023	ug/l	90
21) trans-1,2-Dichloroethene	5.23	96	81770	20.800	ug/l	91
22) Diisopropyl ether	6.13	45	247478	19.029	ug/l	95
23) Vinyl Acetate	6.07	43	808585	92.994	ug/l	95
24) 1,1-Dichloroethane	6.03	63	140017	19.709	ug/l	98
25) 2-Butanone	6.99	43	137983	92.554	ug/l	97
26) 2,2-Dichloropropane	6.99	77	127526	19.757	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	92669	21.017	ug/l	95
28) Bromochloromethane	7.35	49	55975	17.708	ug/l #	83
29) Tetrahydrofuran	7.36	42	95852	96.683	ug/l	93
30) Chloroform	7.52	83	147790	20.999	ug/l	94
31) Cyclohexane	7.79	56	133039	19.009	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	132198	20.578	ug/l	98
36) 1,1-Dichloropropene	7.92	75	114756	20.669	ug/l	98
37) Ethyl Acetate	7.08	43	65861	19.729	ug/l	99
38) Carbon Tetrachloride	7.91	117	120244	20.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	139994	20.336	ug/l	98
40) Benzene	8.16	78	320633	21.094	ug/l	98
41) Methacrylonitrile	7.33	41	33417m	18.739	ug/l	
42) 1,2-Dichloroethane	8.25	62	100301	20.858	ug/l	100
43) Isopropyl Acetate	8.28	43	122983	19.379	ug/l	96
44) Trichloroethene	8.94	130	99996	22.633	ug/l	99
45) 1,2-Dichloropropane	9.22	63	83597	20.442	ug/l	95
46) Dibromomethane	9.31	93	49150	21.519	ug/l	97
47) Bromodichloromethane	9.50	83	115955	20.733	ug/l	97
48) Methyl methacrylate	9.30	41	55286	19.139	ug/l	95
49) 1,4-Dioxane	9.30	88	12838	460.453	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	326673	99.592	ug/l	97
52) Toluene	10.24	92	204921	21.416	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	120644	20.575	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	139280	20.770	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	71528	22.536	ug/l	96
56) Ethyl methacrylate	10.51	69	95309	20.745	ug/l	97
57) 1,3-Dichloropropane	10.79	76	120543	21.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	218496	92.728	ug/l	97
59) 2-Hexanone	10.83	43	225926	98.543	ug/l	97
60) Dibromochloromethane	10.99	129	88226	21.721	ug/l	99
61) 1,2-Dibromoethane	11.09	107	69481	22.206	ug/l	98
64) Tetrachloroethene	10.72	164	110367	24.420	ug/l	97
65) Chlorobenzene	11.52	112	230512	21.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	89115	21.677	ug/l	100
67) Ethyl Benzene	11.59	91	402345	20.886	ug/l	99
68) m/p-Xylenes	11.70	106	306534	42.755	ug/l	98
69) o-Xylene	12.03	106	145773	21.577	ug/l	96
70) Styrene	12.04	104	248118	21.497	ug/l	98
71) Bromoform	12.20	173	60005	21.890	ug/l	100
73) Isopropylbenzene	12.33	105	402674	21.043	ug/l	100
74) N-amyl acetate	12.14	43	113992	18.298	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	76260	19.748	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	57815m	19.979	ug/l	
77) Bromobenzene	12.61	156	103627	21.121	ug/l	97
78) n-propylbenzene	12.67	91	474471	20.617	ug/l	99
79) 2-Chlorotoluene	12.75	91	266352	20.735	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	335069	20.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28048	18.857	ug/l	97
82) 4-Chlorotoluene	12.85	91	275169	20.574	ug/l	97
83) tert-Butylbenzene	13.07	119	298184	21.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	340812	21.063	ug/l	99
85) sec-Butylbenzene	13.25	105	410809	21.138	ug/l	100
86) p-Isopropyltoluene	13.37	119	382255	21.226	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	197115	21.519	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	195592	21.654	ug/l	99
89) n-Butylbenzene	13.69	91	364467	21.153	ug/l	99
90) Hexachloroethane	13.96	117	69390	19.405	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	174333	21.212	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14108	20.637	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	129566	21.216	ug/l	99
94) Hexachlorobutadiene	15.11	225	85034	22.075	ug/l	99
95) Naphthalene	15.23	128	223636	20.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	108975	20.550	ug/l	99

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

