

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003104.D
 Acq On : 06 Jul 2020 11:22
 Operator : SY/MD
 Sample : VY0706SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 11:12:00 AM

Quant Time: Jul 07 07:48:58 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	445468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	313029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	215454	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.72	113	206173	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.18	98	760566	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.48	95	268557	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	63806	18.913	ug/l	98
3) Chloromethane	2.11	50	89571	18.131	ug/l	100
4) Vinyl Chloride	2.26	62	97032	20.135	ug/l	95
5) Bromomethane	2.65	94	74619	22.806	ug/l	96
6) Chloroethane	2.80	64	64491	21.037	ug/l	96
7) Trichlorofluoromethane	3.13	101	142950	21.017	ug/l	99
8) Diethyl Ether	3.54	74	48684	20.879	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	86869	21.390	ug/l	99
10) Methyl Iodide	4.10	142	97930	19.446	ug/l	100
11) Tert butyl alcohol	4.96	59	50465	111.921	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	81838	21.179	ug/l	91
13) Acrolein	3.74	56	35890	88.624	ug/l	97
14) Allyl chloride	4.49	41	129168	19.146	ug/l	98
15) Acrylonitrile	5.17	53	125767	104.656	ug/l	99
16) Acetone	3.96	43	108541	104.018	ug/l	98
17) Carbon Disulfide	4.20	76	249929	20.244	ug/l	100
18) Methyl Acetate	4.49	43	57744	20.540	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	236606	21.006	ug/l	97
20) Methylene Chloride	4.72	84	101137	17.138	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	91183	20.862	ug/l	98
22) Diisopropyl ether	6.13	45	286833	19.836	ug/l	97
23) Vinyl Acetate	6.07	43	958146	99.110	ug/l	99
24) 1,1-Dichloroethane	6.03	63	161352	20.427	ug/l	99
25) 2-Butanone	6.99	43	171123	103.237	ug/l	99
26) 2,2-Dichloropropane	6.99	77	149155	20.784	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	101614	20.727	ug/l	98
28) Bromochloromethane	7.35	49	62378	17.748	ug/l	88
29) Tetrahydrofuran	7.35	42	113147	102.647	ug/l	95
30) Chloroform	7.51	83	163786	20.930	ug/l	100
31) Cyclohexane	7.79	56	156034	20.052	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	149837	20.977	ug/l	99
36) 1,1-Dichloropropene	7.92	75	129079	20.817	ug/l	98
37) Ethyl Acetate	7.08	43	78798	21.135	ug/l	99
38) Carbon Tetrachloride	7.91	117	138098	21.406	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	161200	20.968	ug/l	98
40) Benzene	8.16	78	360306	21.224	ug/l	100
41) Methacrylonitrile	7.32	41	38848m	19.506	ug/l	
42) 1,2-Dichloroethane	8.24	62	112757	20.996	ug/l	100
43) Isopropyl Acetate	8.28	43	142211	20.065	ug/l	96
44) Trichloroethene	8.94	130	108488	21.987	ug/l	100
45) 1,2-Dichloropropane	9.22	63	94098	20.603	ug/l	99
46) Dibromomethane	9.31	93	53960	21.154	ug/l	98
47) Bromodichloromethane	9.50	83	132261	21.175	ug/l	98
48) Methyl methacrylate	9.30	41	64534	20.004	ug/l	96
49) 1,4-Dioxane	9.30	88	14475	464.864	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	384728	105.023	ug/l	98
52) Toluene	10.24	92	226996	21.241	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	136291	20.812	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	155385	20.748	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	78067	22.024	ug/l	99
56) Ethyl methacrylate	10.51	69	107443	20.940	ug/l	98
57) 1,3-Dichloropropane	10.79	76	132329	21.266	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	235273	89.404	ug/l	98
59) 2-Hexanone	10.83	43	272603	106.465	ug/l	97
60) Dibromochloromethane	10.99	129	98317	21.674	ug/l	99
61) 1,2-Dibromoethane	11.09	107	76168	21.797	ug/l	99
64) Tetrachloroethene	10.72	164	108781	22.123	ug/l	98
65) Chlorobenzene	11.52	112	255175	22.275	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	98405	22.002	ug/l	99
67) Ethyl Benzene	11.59	91	449934	21.469	ug/l	99
68) m/p-Xylenes	11.70	106	337669	43.291	ug/l	99
69) o-Xylene	12.03	106	159612	21.716	ug/l	97
70) Styrene	12.05	104	274586	21.868	ug/l	99
71) Bromoform	12.20	173	65631	22.007	ug/l #	99
73) Isopropylbenzene	12.33	105	441040	21.528	ug/l	99
74) N-amyl acetate	12.14	43	134006	20.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	91523	22.138	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	70174m	22.651	ug/l	
77) Bromobenzene	12.61	156	111822	21.288	ug/l	98
78) n-propylbenzene	12.67	91	518351	21.039	ug/l	99
79) 2-Chlorotoluene	12.75	91	290315	21.110	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	370038	21.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	34290	21.534	ug/l	97
82) 4-Chlorotoluene	12.85	91	305493	21.336	ug/l	99
83) tert-Butylbenzene	13.08	119	322977	21.396	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	375297	21.665	ug/l	100
85) sec-Butylbenzene	13.25	105	448888	21.575	ug/l	100
86) p-Isopropyltoluene	13.37	119	416532	21.605	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	209304	21.343	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	213544	22.083	ug/l	99
89) n-Butylbenzene	13.70	91	394632	21.394	ug/l	99
90) Hexachloroethane	13.96	117	81147	21.196	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	190946	21.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16339	22.325	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	141877	21.701	ug/l	99
94) Hexachlorobutadiene	15.11	225	89855	21.789	ug/l	98
95) Naphthalene	15.23	128	260165	21.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	123109	21.685	ug/l	100

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

