

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003078.D
 Acq On : 02 Jul 2020 12:09
 Operator : SY/MD
 Sample : VY0702SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/6/2020 10:43:22 AM

Quant Time: Jul 03 02:55:29 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	419028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	621752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	569818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	302079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	201973	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.72	113	192213	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.18	98	701839	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.48	95	249080	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	58330	18.381	ug/l	98
3) Chloromethane	2.12	50	81468	17.531	ug/l	97
4) Vinyl Chloride	2.26	62	88833	19.597	ug/l	99
5) Bromomethane	2.64	94	66752	21.689	ug/l	97
6) Chloroethane	2.79	64	59081	20.488	ug/l	94
7) Trichlorofluoromethane	3.13	101	127207	19.883	ug/l	100
8) Diethyl Ether	3.54	74	44480	20.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	78066	20.435	ug/l	100
10) Methyl Iodide	4.10	142	92419	19.510	ug/l	100
11) Tert butyl alcohol	4.96	59	48020	113.219	ug/l	98
12) 1,1-Dichloroethene	3.87	96	73303	20.167	ug/l	88
13) Acrolein	3.74	56	34108	89.538	ug/l	98
14) Allyl chloride	4.49	41	120005	18.910	ug/l	97
15) Acrylonitrile	5.18	53	113312	100.241	ug/l	99
16) Acetone	3.96	43	98081	99.925	ug/l	97
17) Carbon Disulfide	4.20	76	225422	19.411	ug/l	98
18) Methyl Acetate	4.49	43	52606	19.893	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	215642	20.353	ug/l	97
20) Methylene Chloride	4.72	84	117145	22.978	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	83146	20.223	ug/l	95
22) Diisopropyl ether	6.13	45	268214	19.719	ug/l	98
23) Vinyl Acetate	6.07	43	888206	97.673	ug/l	100
24) 1,1-Dichloroethane	6.03	63	147253	19.819	ug/l	98
25) 2-Butanone	6.99	43	159588	102.353	ug/l	98
26) 2,2-Dichloropropane	6.99	77	140385	20.796	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	93466	20.268	ug/l	100
28) Bromochloromethane	7.35	49	59708	18.061	ug/l	94
29) Tetrahydrofuran	7.35	42	100420	96.849	ug/l	97
30) Chloroform	7.52	83	149410	20.298	ug/l	98
31) Cyclohexane	7.79	56	143183	19.561	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	135333	20.142	ug/l	99
36) 1,1-Dichloropropene	7.92	75	120362	20.097	ug/l	100
37) Ethyl Acetate	7.08	43	68368	18.986	ug/l	99
38) Carbon Tetrachloride	7.91	117	123210	19.773	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146882	19.781	ug/l	98
40) Benzene	8.16	78	329813	20.115	ug/l	100
41) Methacrylonitrile	7.33	41	41095m	21.364	ug/l	
42) 1,2-Dichloroethane	8.24	62	104692	20.184	ug/l	99
43) Isopropyl Acetate	8.28	43	133608	19.518	ug/l	97
44) Trichloroethene	8.94	130	95575	20.055	ug/l	93
45) 1,2-Dichloropropane	9.22	63	88517	20.067	ug/l	91
46) Dibromomethane	9.31	93	49695	20.171	ug/l	99
47) Bromodichloromethane	9.50	83	122596	20.322	ug/l	98
48) Methyl methacrylate	9.30	41	58824	18.879	ug/l	96
49) 1,4-Dioxane	9.30	88	13113	436.017	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	344944	97.493	ug/l	98
52) Toluene	10.24	92	209006	20.250	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	124756	19.725	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	141839	19.609	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	71385	20.851	ug/l	100
56) Ethyl methacrylate	10.51	69	98619	19.900	ug/l	96
57) 1,3-Dichloropropane	10.79	76	122090	20.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	232666	91.540	ug/l	99
59) 2-Hexanone	10.83	43	245254	99.172	ug/l	100
60) Dibromochloromethane	10.99	129	90033	20.550	ug/l	97
61) 1,2-Dibromoethane	11.09	107	69099	20.473	ug/l	100
64) Tetrachloroethene	10.72	164	94613	19.619	ug/l	93
65) Chlorobenzene	11.52	112	229055	20.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	89785	20.468	ug/l	99
67) Ethyl Benzene	11.59	91	411359	20.013	ug/l	99
68) m/p-Xylenes	11.70	106	304269	39.773	ug/l	99
69) o-Xylene	12.03	106	148033	20.535	ug/l	96
70) Styrene	12.04	104	247842	20.124	ug/l	98
71) Bromoform	12.20	173	58876	20.128	ug/l #	98
73) Isopropylbenzene	12.33	105	402202	20.344	ug/l	100
74) N-amyl acetate	12.14	43	124503	19.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	83152	20.842	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	59942m	20.050	ug/l	
77) Bromobenzene	12.61	156	100332	19.793	ug/l	99
78) n-propylbenzene	12.67	91	481077	20.234	ug/l	100
79) 2-Chlorotoluene	12.75	91	265165	19.980	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	336396	20.277	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30030	19.543	ug/l	98
82) 4-Chlorotoluene	12.85	91	279496	20.228	ug/l	100
83) tert-Butylbenzene	13.07	119	294569	20.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	339891	20.332	ug/l	97
85) sec-Butylbenzene	13.25	105	410837	20.462	ug/l	100
86) p-Isopropyltoluene	13.37	119	377697	20.301	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	192225	20.312	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	193042	20.687	ug/l	99
89) n-Butylbenzene	13.70	91	363308	20.409	ug/l	99
90) Hexachloroethane	13.96	117	75526	20.443	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	173765	20.465	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14659	20.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	130608	20.701	ug/l	100
94) Hexachlorobutadiene	15.11	225	83331	20.939	ug/l	97
95) Naphthalene	15.23	128	241185	20.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113482	20.714	ug/l	100

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

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