

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003028.D
 Acq On : 30 Jun 2020 11:41
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Manual Integrations
 APPROVED

sam
 7/1/2020 10:11:07 PM

Quant Time: Jul 01 06:00:01 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	526181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	766227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	692638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	366885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	242425	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.72	113	227047	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	10.18	98	850709	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.48	95	300238	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	69522	17.446	ug/l	97
3) Chloromethane	2.11	50	93150	15.963	ug/l	98
4) Vinyl Chloride	2.26	62	106923	18.784	ug/l	95
5) Bromomethane	2.65	94	76424	19.775	ug/l	95
6) Chloroethane	2.79	64	69976	19.325	ug/l	95
7) Trichlorofluoromethane	3.13	101	154266	19.202	ug/l	99
8) Diethyl Ether	3.54	74	50906	18.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	94767	19.755	ug/l	98
10) Methyl Iodide	4.10	142	110988	18.659	ug/l	100
11) Tert butyl alcohol	4.97	59	57596	108.142	ug/l	97
12) 1,1-Dichloroethene	3.88	96	88615	19.415	ug/l	93
13) Acrolein	3.74	56	47431	99.156	ug/l	98
14) Allyl chloride	4.49	41	144008	18.071	ug/l	98
15) Acrylonitrile	5.17	53	134892	95.031	ug/l	100
16) Acetone	3.96	43	113023	91.699	ug/l	96
17) Carbon Disulfide	4.20	76	274308	18.810	ug/l	96
18) Methyl Acetate	4.49	43	60605	18.251	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	259265	19.487	ug/l	96
20) Methylene Chloride	4.73	84	166383	27.051	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	101009	19.565	ug/l	97
22) Diisopropyl ether	6.13	45	310913	18.203	ug/l	98
23) Vinyl Acetate	6.07	43	1043302	91.365	ug/l	99
24) 1,1-Dichloroethane	6.03	63	176124	18.877	ug/l	99
25) 2-Butanone	7.00	43	186633	95.323	ug/l	100
26) 2,2-Dichloropropane	6.99	77	165606	19.536	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	114282	19.735	ug/l	97
28) Bromochloromethane	7.34	49	71211	17.154	ug/l	93
29) Tetrahydrofuran	7.35	42	120668	92.678	ug/l	96
30) Chloroform	7.52	83	175919	19.032	ug/l	99
31) Cyclohexane	7.79	56	169234	18.412	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	162651	19.278	ug/l	99
36) 1,1-Dichloropropene	7.92	75	142501	19.308	ug/l	99
37) Ethyl Acetate	7.08	43	81281	18.316	ug/l	97
38) Carbon Tetrachloride	7.91	117	147645	19.227	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	178716	19.530	ug/l	99
40) Benzene	8.16	78	390603	19.331	ug/l	98
41) Methacrylonitrile	7.32	41	42285m	17.838	ug/l	
42) 1,2-Dichloroethane	8.24	62	122999	19.242	ug/l	100
43) Isopropyl Acetate	8.28	43	158334	18.768	ug/l	98
44) Trichloroethene	8.94	130	116523	19.840	ug/l	98
45) 1,2-Dichloropropane	9.22	63	102864	18.922	ug/l	98
46) Dibromomethane	9.31	93	58726	19.342	ug/l	98
47) Bromodichloromethane	9.50	83	143113	19.250	ug/l	97
48) Methyl methacrylate	9.30	41	68812	17.920	ug/l	92
49) 1,4-Dioxane	9.30	88	15952	430.404	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	405717	93.049	ug/l	97
52) Toluene	10.24	92	247666	19.471	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	148101	19.001	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	169576	19.023	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	83378	19.762	ug/l	98
56) Ethyl methacrylate	10.51	69	118822	19.456	ug/l	96
57) 1,3-Dichloropropane	10.79	76	145334	19.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	269048	85.895	ug/l	98
59) 2-Hexanone	10.83	43	292371	95.932	ug/l	99
60) Dibromochloromethane	10.99	129	105868	19.608	ug/l	100
61) 1,2-Dibromoethane	11.09	107	80184	19.278	ug/l	99
64) Tetrachloroethene	10.72	164	116926	19.946	ug/l	96
65) Chlorobenzene	11.52	112	270130	19.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	105771	19.836	ug/l	99
67) Ethyl Benzene	11.59	91	485753	19.441	ug/l	98
68) m/p-Xylenes	11.70	106	363043	39.041	ug/l	99
69) o-Xylene	12.03	106	173724	19.825	ug/l	98
70) Styrene	12.05	104	291827	19.494	ug/l	99
71) Bromoform	12.21	173	70262	19.761	ug/l	99
73) Isopropylbenzene	12.33	105	475383	19.798	ug/l	100
74) N-amyl acetate	12.14	43	146926	18.796	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	97203	20.060	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	73750m	20.311	ug/l	
77) Bromobenzene	12.61	156	120985	19.652	ug/l	99
78) n-propylbenzene	12.67	91	568246	19.678	ug/l	99
79) 2-Chlorotoluene	12.75	91	318682	19.771	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	396718	19.689	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36957	19.802	ug/l	92
82) 4-Chlorotoluene	12.85	91	333313	19.862	ug/l	100
83) tert-Butylbenzene	13.08	119	347612	19.648	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	398612	19.633	ug/l	99
85) sec-Butylbenzene	13.25	105	483471	19.826	ug/l	100
86) p-Isopropyltoluene	13.37	119	442501	19.583	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	225812	19.646	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	224433	19.802	ug/l	99
89) n-Butylbenzene	13.70	91	432789	20.018	ug/l	99
90) Hexachloroethane	13.96	117	87579	19.518	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	205137	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17048	19.875	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	151252	19.739	ug/l	99
94) Hexachlorobutadiene	15.11	225	97757	20.225	ug/l	98
95) Naphthalene	15.23	128	278435	19.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	131193	19.717	ug/l	99

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

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