

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003373.D
 Acq On : 28 Jul 2020 14:15
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:25 PM

Quant Time: Jul 29 03:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	457026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	615389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	332826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	193687	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.72	113	189620	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.18	98	686502	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.48	95	249266	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	71029	21.684	ug/l	96
3) Chloromethane	2.12	50	99611	21.923	ug/l	99
4) Vinyl Chloride	2.26	62	103423	22.185	ug/l	94
5) Bromomethane	2.64	94	76713	22.155	ug/l	98
6) Chloroethane	2.79	64	63984	20.897	ug/l	92
7) Trichlorofluoromethane	3.13	101	144040	21.636	ug/l	98
8) Diethyl Ether	3.54	74	49211	22.059	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	87422	21.742	ug/l	99
10) Methyl Iodide	4.10	142	87840	20.108	ug/l	97
11) Tert butyl alcohol	4.96	59	53832	129.058	ug/l #	93
12) 1,1-Dichloroethene	3.88	96	80937	21.282	ug/l	100
13) Acrolein	3.74	56	24051	66.431	ug/l	100
14) Allyl chloride	4.49	41	133673	23.688	ug/l	96
15) Acrylonitrile	5.18	53	123680	115.412	ug/l	99
16) Acetone	3.95	43	100519	116.660	ug/l	99
17) Carbon Disulfide	4.20	76	246778	21.146	ug/l	98
18) Methyl Acetate	4.48	43	60283	25.193	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	230289	21.608	ug/l	99
20) Methylene Chloride	4.72	84	119093	24.689	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	93259	21.681	ug/l	98
22) Diisopropyl ether	6.13	45	294904	23.547	ug/l	97
23) Vinyl Acetate	6.07	43	936072	112.136	ug/l	99
24) 1,1-Dichloroethane	6.03	63	163883	22.586	ug/l	100
25) 2-Butanone	6.99	43	162372	114.772	ug/l	98
26) 2,2-Dichloropropane	6.99	77	148924	22.791	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	102992	21.747	ug/l	96
28) Bromochloromethane	7.34	49	74224	23.627	ug/l	97
29) Tetrahydrofuran	7.36	42	108604	114.272	ug/l	97
30) Chloroform	7.52	83	164939	22.071	ug/l	99
31) Cyclohexane	7.78	56	152323	21.710	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	146143	21.723	ug/l	100
36) 1,1-Dichloropropene	7.93	75	128441	20.946	ug/l	99
37) Ethyl Acetate	7.08	43	75246	22.786	ug/l	99
38) Carbon Tetrachloride	7.91	117	135116	21.344	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	157880	20.496	ug/l	96
40) Benzene	8.16	78	364733	21.602	ug/l	96
41) Methacrylonitrile	7.33	41	38179m	19.196	ug/l	
42) 1,2-Dichloroethane	8.24	62	109821	21.127	ug/l	99
43) Isopropyl Acetate	8.27	43	137994	21.589	ug/l	99
44) Trichloroethene	8.94	130	104757	20.239	ug/l	98
45) 1,2-Dichloropropane	9.22	63	96159	22.010	ug/l	100
46) Dibromomethane	9.31	93	53220	20.857	ug/l	99
47) Bromodichloromethane	9.50	83	131015	21.588	ug/l	96
48) Methyl methacrylate	9.29	41	62279	21.794	ug/l	97
49) 1,4-Dioxane	9.30	88	12948	399.809	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	362020	108.965	ug/l	99
52) Toluene	10.24	92	226316	20.971	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	135193	21.501	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	155817	21.507	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	76202	21.074	ug/l	98
56) Ethyl methacrylate	10.51	69	104818	21.322	ug/l	98
57) 1,3-Dichloropropane	10.79	76	131408	21.434	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	277167	110.552	ug/l	100
59) 2-Hexanone	10.83	43	251707	108.530	ug/l	99
60) Dibromochloromethane	10.99	129	96308	21.176	ug/l	98
61) 1,2-Dibromoethane	11.09	107	74213	20.795	ug/l	98
64) Tetrachloroethene	10.72	164	105930	19.306	ug/l	96
65) Chlorobenzene	11.52	112	253058	21.346	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	97620	21.201	ug/l	99
67) Ethyl Benzene	11.59	91	450278	21.272	ug/l	98
68) m/p-Xylenes	11.70	106	338843	42.189	ug/l	99
69) o-Xylene	12.03	106	158787	21.163	ug/l	99
70) Styrene	12.04	104	276337	21.529	ug/l	100
71) Bromoform	12.20	173	62668	20.737	ug/l #	99
73) Isopropylbenzene	12.33	105	440032	20.746	ug/l	100
74) N-amyl acetate	12.14	43	126671	21.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	87352	21.324	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	60878m	20.664	ug/l	
77) Bromobenzene	12.61	156	112575	20.822	ug/l	99
78) n-propylbenzene	12.67	91	530214	21.208	ug/l	99
79) 2-Chlorotoluene	12.75	91	290479	20.824	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	369040	20.876	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32512	21.478	ug/l	95
82) 4-Chlorotoluene	12.85	91	306221	21.032	ug/l	99
83) tert-Butylbenzene	13.07	119	332622	21.325	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	373176	20.981	ug/l	98
85) sec-Butylbenzene	13.25	105	454654	21.207	ug/l	100
86) p-Isopropyltoluene	13.37	119	416841	20.824	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	212398	20.775	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	213414	21.084	ug/l	99
89) n-Butylbenzene	13.69	91	399496	21.217	ug/l	99
90) Hexachloroethane	13.96	117	81599	22.384	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	191028	21.291	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14562	21.927	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136846	21.440	ug/l	98
94) Hexachlorobutadiene	15.11	225	90197	20.623	ug/l	100
95) Naphthalene	15.23	128	228879	21.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113487	22.492	ug/l	98

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

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