

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017610.D
 Acq On : 23 Jul 2020 18:14
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 MDL05

Manual Integrations
 APPROVED

sam
 7/24/2020 7:05:01 PM

Quant Time: Jul 24 02:18:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 01:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178761	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171865	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43651	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.58	69	33455	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.12	63	73727	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.95	46	98065	48.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.04%
24) Chloroform-d	4.37	84	103045	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.06	65	54165	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.07	84	190510	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.10	67	54178	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	174422	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.65	79	22520	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.11	63	67638	45.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35554	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	69296	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	5126	0.262 ug/L	97
3) Chloromethane	1.24	50	3802	0.298 ug/L	96
5) Vinyl chloride	1.32	62	3835	0.300 ug/L #	81
6) Bromomethane	1.53	94	2410	0.294 ug/L	87
8) Chloroethane	1.59	64	2509	0.340 ug/L	97
9) Trichlorofluoromethane	1.76	101	6121	0.268 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3278	0.307 ug/L	96
12) 1,1-Dichloroethene	2.13	96	3396	0.353 ug/L #	1
13) Acetone	2.23	43	5067m	3.170 ug/L	
14) Carbon disulfide	2.31	76	8407	0.287 ug/L	97
15) Methyl Acetate	2.46	43	1056m	0.339 ug/L	
16) Methylene chloride	2.52	84	3934	0.367 ug/L #	72
17) Methyl tert-butyl Ether	2.79	73	6256	0.254 ug/L #	91
18) trans-1,2-Dichloroethene	2.78	96	3168	0.302 ug/L	99
19) 1,1-Dichloroethane	3.21	63	5808	0.263 ug/L #	85
21) 2-Butanone	4.03	43	6262m	2.320 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	3879	0.294 ug/L	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.28	128	1619	0.266	ug/L #	82
25) Chloroform	4.41	83	7434m	0.300	ug/L	
27) 1,2-Dichloroethane	5.17	62	4630	0.288	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	5728	0.238	ug/L	89
30) Cyclohexane	4.69	56	5279	0.277	ug/L #	90
31) Carbon tetrachloride	4.85	117	5440	0.254	ug/L	98
33) Benzene	5.13	78	12150	0.250	ug/L	100
34) Trichloroethene	5.94	95	4019	0.296	ug/L	88
35) Methylcyclohexane	6.15	83	5056	0.246	ug/L	93
37) 1,2-Dichloropropane	6.21	63	3069	0.268	ug/L #	87
38) Bromodichloromethane	6.54	83	4294	0.255	ug/L #	99
39) cis-1,3-Dichloropropene	7.05	75	4415	0.256	ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	13622	2.173	ug/L #	88
42) Toluene	7.41	91	13389	0.252	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	10194	0.206	ug/L	96
44) 1,2,4-Trimethylbenzene	10.94	105	9908	0.196	ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	3286	0.212	ug/L	91
47) 1,1,2-Trichloroethane	7.87	97	2121m	0.245	ug/L	
49) Tetrachloroethene	8.00	164	2987	0.249	ug/L	91
50) 2-Hexanone	8.17	43	15145	3.415	ug/L	99
51) Dibromochloromethane	8.27	129	2932	0.266	ug/L	80
52) 1,2-Dibromoethane	8.38	107	1926	0.235	ug/L #	98
53) Chlorobenzene	8.90	112	9175	0.259	ug/L #	86
54) Ethylbenzene	9.04	91	13683	0.230	ug/L	98
55) m,p-xylene	9.16	106	5269	0.235	ug/L	82
56) o-xylene	9.57	106	5206	0.240	ug/L	84
57) Styrene	9.59	104	7604	0.210	ug/L	96
58) Isopropylbenzene	9.95	105	12579	0.210	ug/L #	94
60) 1,1,2,2-Tetrachloroethane	10.27	83	2621	0.277	ug/L	98
62) Bromoform	9.76	173	1506	0.272	ug/L #	93
63) 1,3-Dichlorobenzene	11.21	146	7620	0.273	ug/L	93
64) 1,4-Dichlorobenzene	11.30	146	8582	0.307	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	7739	0.305	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.46	75	484	0.305	ug/L #	55
68) 1,3,5-Trichlorobenzene	12.67	180	6088	0.269	ug/L	95
69) 1,2,4-trichlorobenzene	13.29	180	5106	0.270	ug/L	98
70) Naphthalene	13.53	128	5711	0.216	ug/L #	93
71) 1,2,3-Trichlorobenzene	13.77	180	3809	0.227	ug/L	92

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

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