

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015942.D
 Acq On : 07 May 2020 15:57
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

apatel
 5/8/2020 12:58:18 PM

Quant Time: May 08 05:50:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 05:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	149866	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146551	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38087	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.58	69	36230	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.12	63	60666	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.96	46	110541	47.66	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	4.38	84	81358	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	50498	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.07	84	168202	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	53419	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	153092	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	18561	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.12	63	86125	46.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37203	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	56134	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	2680	0.233 ug/L	100
3) Chloromethane	1.24	50	3031	0.261 ug/L	94
5) Vinyl chloride	1.32	62	2874	0.259 ug/L #	70
6) Bromomethane	1.53	94	1574	0.249 ug/L	97
8) Chloroethane	1.59	64	3238	0.409 ug/L #	80
9) Trichlorofluoromethane	1.76	101	3633	0.238 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2526	0.293 ug/L	89
12) 1,1-Dichloroethene	2.13	96	2496	0.303 ug/L #	1
13) Acetone	2.24	43	3365m	2.200 ug/L	
14) Carbon disulfide	2.30	76	6214	0.228 ug/L	96
16) Methylene chloride	2.52	84	3196	0.324 ug/L	98
17) Methyl tert-butyl Ether	2.79	73	4961	0.231 ug/L #	87
18) trans-1,2-Dichloroethene	2.78	96	2132	0.234 ug/L	84
19) 1,1-Dichloroethane	3.21	63	4077	0.232 ug/L	95
21) 2-Butanone	4.05	43	2668m	1.145 ug/L	
22) cis-1,2-Dichloroethene	3.95	96	2319	0.243 ug/L	85
23) Bromochloromethane	4.28	128	930m	0.228 ug/L	

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

25) Chloroform	4.41	83	12518	0.647	ug/L	92
27) 1,2-Dichloroethane	5.17	62	2800	0.236	ug/L #	83
29) 1,1,1-Trichloroethane	4.64	97	3561	0.220	ug/L	94
30) Cyclohexane	4.70	56	3426	0.212	ug/L	93
31) Carbon tetrachloride	4.85	117	3213	0.230	ug/L	99
33) Benzene	5.13	78	9168	0.249	ug/L	100
34) Trichloroethene	5.95	95	2376	0.226	ug/L #	88
35) Methylcyclohexane	6.16	83	3837	0.241	ug/L	97
37) 1,2-Dichloropropane	6.21	63	2334	0.249	ug/L #	87
38) Bromodichloromethane	6.53	83	2632	0.221	ug/L #	99
39) cis-1,3-Dichloropropene	7.05	75	2726	0.206	ug/L	86
40) 4-Methyl-2-pentanone	7.26	43	11734	2.010	ug/L #	89
42) Toluene	7.41	91	8868	0.227	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	6792	0.189	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	6505	0.181	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	2354	0.210	ug/L	94
47) 1,1,2-Trichloroethane	7.87	97	1364	0.218	ug/L	91
49) Tetrachloroethene	8.00	164	1794	0.244	ug/L	90
50) 2-Hexanone	8.17	43	15551	3.766	ug/L #	92
51) Dibromochloromethane	8.27	129	1553	0.221	ug/L	85
52) 1,2-Dibromoethane	8.38	107	1443	0.249	ug/L #	87
53) Chlorobenzene	8.90	112	5546	0.221	ug/L #	89
54) Ethylbenzene	9.04	91	9553	0.215	ug/L	91
55) m,p-xylene	9.16	106	3424	0.208	ug/L	92
56) o-xylene	9.57	106	3369	0.214	ug/L	96
57) Styrene	9.59	104	4815	0.183	ug/L	95
58) Isopropylbenzene	9.95	105	8832	0.204	ug/L	97
60) 1,1,2,2-Tetrachloroethane	10.27	83	1844	0.276	ug/L #	94
62) Bromoform	9.76	173	636	0.198	ug/L #	81
63) 1,3-Dichlorobenzene	11.21	146	4367	0.231	ug/L	92
64) 1,4-Dichlorobenzene	11.29	146	4737	0.250	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	4156	0.243	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	3281	0.238	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	2642	0.223	ug/L	97
70) Naphthalene	13.53	128	4382	0.232	ug/L #	95
71) 1,2,3-Trichlorobenzene	13.77	180	2118	0.202	ug/L	90

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

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