

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015945.D
 Acq On : 07 May 2020 17:31
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

apatel
 5/8/2020 12:58:29 PM

Quant Time: May 08 06:04:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 12:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140202	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138302	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36161	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.57	69	34907	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	60153	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.98	46	114456m	52.24	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.48%
24) Chloroform-d	4.38	84	81055	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	50007	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.07	84	165408	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.09	67	52097	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	151494	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	7.64	79	18622	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.12	63	86592	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36843	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56678	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2532	0.236	ug/L	93
3) Chloromethane	1.24	50	3041	0.280	ug/L	87
5) Vinyl chloride	1.32	62	2718	0.261	ug/L #	68
6) Bromomethane	1.53	94	1577	0.267	ug/L	99
8) Chloroethane	1.59	64	2276	0.349	ug/L	86
9) Trichlorofluoromethane	1.76	101	3957	0.277	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2437	0.302	ug/L	90
12) 1,1-Dichloroethene	2.13	96	2546	0.330	ug/L #	1
14) Carbon disulfide	2.30	76	6225	0.244	ug/L	95
15) Methyl Acetate	2.47	43	830m	0.251	ug/L	
16) Methylene chloride	2.52	84	3210	0.348	ug/L	90
17) Methyl tert-butyl Ether	2.79	73	4885	0.244	ug/L #	92
18) trans-1,2-Dichloroethene	2.78	96	2078	0.244	ug/L	98
19) 1,1-Dichloroethane	3.21	63	4193	0.255	ug/L	94
21) 2-Butanone	4.08	43	4961m	2.284	ug/L	
22) cis-1,2-Dichloroethene	3.95	96	2135	0.239	ug/L	94
23) Bromochloromethane	4.28	128	850	0.223	ug/L	87

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25) Chloroform	4.40	83	11378	0.629	ug/L	99
27) 1,2-Dichloroethane	5.17	62	2999	0.270	ug/L #	94
29) 1,1,1-Trichloroethane	4.64	97	3628	0.238	ug/L	95
30) Cyclohexane	4.70	56	3760	0.246	ug/L	95
31) Carbon tetrachloride	4.86	117	3061	0.233	ug/L	94
33) Benzene	5.13	78	9186	0.264	ug/L	100
34) Trichloroethene	5.95	95	2494	0.251	ug/L	95
35) Methylcyclohexane	6.15	83	3691	0.246	ug/L	97
37) 1,2-Dichloropropane	6.21	63	2488	0.281	ug/L #	93
38) Bromodichloromethane	6.54	83	2721	0.242	ug/L #	85
39) cis-1,3-Dichloropropene	7.06	75	2872	0.230	ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	12062	2.189	ug/L #	90
42) Toluene	7.41	91	9139	0.248	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	6701	0.198	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	6402	0.189	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	2045m	0.194	ug/L	
47) 1,1,2-Trichloroethane	7.87	97	1556	0.264	ug/L	95
49) Tetrachloroethene	8.00	164	1498	0.216	ug/L	80
50) 2-Hexanone	8.17	43	15878	4.075	ug/L	92
51) Dibromochloromethane	8.27	129	1470	0.222	ug/L	88
52) 1,2-Dibromoethane	8.38	107	1366	0.249	ug/L #	88
53) Chlorobenzene	8.90	112	6133	0.259	ug/L	99
54) Ethylbenzene	9.04	91	9678	0.231	ug/L	97
55) m,p-xylene	9.16	106	3425	0.221	ug/L	94
56) o-xylene	9.57	106	3008	0.203	ug/L	97
57) Styrene	9.59	104	5044	0.203	ug/L	97
58) Isopropylbenzene	9.96	105	9742	0.239	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.27	83	1725	0.273	ug/L #	92
62) Bromoform	9.76	173	635	0.212	ug/L #	69
63) 1,3-Dichlorobenzene	11.21	146	4623	0.263	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	4579	0.260	ug/L	94
66) 1,2-Dichlorobenzene	11.67	146	4403	0.277	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	3265	0.254	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	2677	0.243	ug/L	96
70) Naphthalene	13.53	128	4028	0.230	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	2406	0.247	ug/L	95

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

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