Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072720\
Data File : VV017674.D
Acq On : 27 Jul 2020 13:25
Operator : SY/MD
Sample : L3459-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY53

Quant Time: Jul 28 05:40:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	182086	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	177860	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	92249	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35661	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.58	69	27147	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.12	63	77565	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	3.91	46	77517	37.27	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.54%			
24) Chloroform-d	4.37	84	87391	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	5.05	65	46799	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
32) Benzene-d6	5.07	84	158096	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.60%			
36) 1,2-Dichloropropane-d6	6.09	67	43361	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.60%			
41) Toluene-d8	7.34	98	143862	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.60%			
45) trans-1,3-Dichloropropene-	7.64	79	19368	3.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.40%			
48) 2-Hexanone-d5	8.11	63	55269	36.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.22%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28955	3.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 76.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	63280	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	42460	3.271	ug/L	96
6) Bromomethane	1.53	94	28294	3.384	ug/L	98
9) Trichlorofluoromethane	1.76	101	174012	7.479	ug/L	99
12) 1,1-Dichloroethene	2.13	96	35030	3.573	ug/L	90
13) Acetone	2.19	43	129225	79.363	ug/L #	52
14) Carbon disulfide	2.31	76	150537	5.050	ug/L	98
16) Methylene chloride	2.52	84	27373	2.509	ug/L	99
17) Methyl tert-butyl Ether	2.78	73	205108	8.161	ug/L	99
19) 1,1-Dichloroethane	3.21	63	197664	8.798	ug/L	99
21) 2-Butanone	3.99	43	272885	99.250	ug/L	99
27) 1,2-Dichloroethane	5.15	62	109076	6.671	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	198399	7.973	ug/L	98
30) Cyclohexane	4.70	56	191143	9.695	ug/L	96
34) Trichloroethene	5.94	95	67525	4.802	ug/L	97
35) Methylcyclohexane	6.15	83	121524	5.713	ug/L	99
37) 1,2-Dichloropropane	6.20	63	22940	1.939	ug/L	97
42) Toluene	7.41	91	432335	7.872	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Tetrachloroethene	7.99	164	100292	8.089	ug/L	94
50) 2-Hexanone	8.16	43	229558	50.011	ug/L	98
52) 1,2-Dibromoethane	8.37	107	114036	13.467	ug/L	96
53) Chlorobenzene	8.90	112	364238	9.948	ug/L	98
54) Ethylbenzene	9.03	91	379966	6.179	ug/L	100
55) m,p-xylene	9.16	106	300897	12.993	ug/L	95
56) o-xylene	9.56	106	117290	5.219	ug/L	97
57) Styrene	9.58	104	198394	5.291	ug/L	99
58) Isopropylbenzene	9.95	105	198060	3.195	ug/L	99
62) Bromoform	9.75	173	30147	5.106	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	123869	4.156	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	315789	11.672	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6009	3.552	ug/L	96
71) 1,2,3-Trichlorobenzene	13.77	180	175846	9.833	ug/L	98

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

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