Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
Data File : VU049892.D
Acq On : 26 Jul 2022 02:15
Operator : SY/MD
Sample : N3870-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ08

Quant Time: Jul 26 06:49:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 26 06:46:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	31451	4.365	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.200%			
7) Chloroethane-d5	1.913	69	28935	4.798	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.000%			
11) 1,1-Dichloroethene-d2	2.562	65	14486	4.504	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.000%			
20) 2-Butanone-d5	4.646	46	142710	55.045	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.100%			
24) Chloroform-d	5.064	84	75882	4.728	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	5.703	65	45213	4.805	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.729	84	134886	4.824	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
36) 1,2-Dichloropropane-d6	6.690	67	49010	5.073	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.400%			
41) Toluene-d8	7.899	98	107050	4.380	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	8.182	79	14777	4.213	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.200%			
46) 2-Hexanone-d5	8.636	63	69408	49.941	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.880%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42784	5.274	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	36098	5.101	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	11130	1.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	73602	12.664	ug/L	98
12) 1,1-Dichloroethene	2.578	96	21457	3.649	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	4286	0.225	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	748	0.110	ug/L #	88
19) 1,1-Dichloroethane	3.874	63	32632	2.221	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	120847	15.349	ug/L	97
27) 1,2-Dichloroethane	5.803	62	3421	0.320	ug/L #	79
29) 1,1,1-Trichloroethane	5.324	97	1331	0.116	ug/L #	83
33) Benzene	5.781	78	4582	0.154	ug/L	100
34) Trichloroethene	6.543	95	1194383	165.433	ug/L	98
47) Tetrachloroethene	8.552	164	10267	2.066	ug/L	95

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

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