Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060123.D
Acq On : 23 Jul 2024 18:34
Operator : MD/SY
Sample : P3280-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZH8

Quant Time: Jul 24 04:24:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 24 04:18:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	111910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	117248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	51182	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29606	3.802	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.907	69	31511	4.356	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.560	65	11797	3.881	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.600%			
20) 2-Butanone-d5	4.628	46	105456	57.930	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.860%			
24) Chloroform-d	5.055	84	76160	4.654	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.698	65	38941	5.111	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
32) Benzene-d6	5.721	84	137884	4.389	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
36) 1,2-Dichloropropane-d6	6.685	67	47882	4.783	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.600%			
41) Toluene-d8	7.894	98	108383	3.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
43) trans-1,3-Dichloroprop...	8.177	79	12295	3.608	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.200%			
46) 2-Hexanone-d5	8.631	63	73971	48.921	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.840%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47996	5.387	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	47480	5.139	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2453	0.214	ug/L	83
12) 1,1-Dichloroethene	2.570	96	2170	0.254	ug/L #	1
13) Acetone	2.641	43	8887	7.380	ug/L	100
16) Methylene chloride	3.039	84	1987	0.190	ug/L #	75
17) Methyl tert-butyl Ether	3.361	73	6100	0.313	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	1496	0.168	ug/L	95
19) 1,1-Dichloroethane	3.862	63	20508	1.216	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	35420	3.559	ug/L	100
34) Trichloroethene	6.537	95	42867	4.173	ug/L	98
47) Tetrachloroethene	8.547	164	31480	3.706	ug/L	98
51) Chlorobenzene	9.444	112	20306	0.754	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	2688	0.149	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	9350	0.510	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	19993	1.160	ug/L	92

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

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