Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
Data File : VU054755.D
Acq On : 03 Jul 2023 17:43
Operator : MD/SY
Sample : 03505-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A46X9

Quant Time: Jul 05 04:44:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 05 04:39:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	247691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61488	3.901	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.000%			
7) Chloroethane-d5	1.907	69	59144	4.007	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.200%			
11) 1,1-Dichloroethene-d2	2.560	65	25752	3.658	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.200%			
20) 2-Butanone-d5	4.621	46	245016	55.284	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.560%			
24) Chloroform-d	5.058	84	138059	4.190	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
26) 1,2-Dichloroethane-d4	5.698	65	73472	4.574	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.724	84	254046	3.731	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.600%			
36) 1,2-Dichloropropane-d6	6.689	67	92156	4.052	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.000%			
41) Toluene-d8	7.894	98	213327	3.530	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.600%			
43) trans-1,3-Dichloroprop...	8.177	79	33401	4.224	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.400%			
46) 2-Hexanone-d5	8.631	63	164616	49.617	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.240%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78643	4.637	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	86921	4.510	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	7716	0.290	ug/L	90
13) Acetone	2.628	43	111888	26.775	ug/L	99
16) Methylene chloride	3.042	84	13330	0.528	ug/L	93
21) 2-Butanone	4.714	43	15726	2.900	ug/L	97
33) Benzene	5.775	78	11347	0.129	ug/L	100
42) Toluene	7.968	91	152845	1.686	ug/L	99
47) Tetrachloroethene	8.557	164	2888	0.162	ug/L	90
52) Ethylbenzene	9.570	91	15926	0.161	ug/L	93
53) m,p-Xylene	9.692	106	11824	0.325	ug/L	88
54) o-Xylene	10.100	106	5735	0.163	ug/L	94
55) Styrene	10.113	104	12861	0.218	ug/L	99

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

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