Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056914.D
Acq On : 16 Dec 2023 05:43
Operator : MD/SY
Sample : 05771-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Quant Time: Dec 16 06:03:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	211803	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220203	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54998	3.029	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.600%			
7) Chloroethane-d5	1.908	69	51715	3.807	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.200%			
11) 1,1-Dichloroethene-d2	2.563	65	25802	3.322	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.400%			
20) 2-Butanone-d5	4.621	46	206879	57.701	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.400%			
24) Chloroform-d	5.055	84	153903	4.477	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
26) 1,2-Dichloroethane-d4	5.695	65	77877	4.787	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.721	84	273353	4.002	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.000%			
36) 1,2-Dichloropropane-d6	6.685	67	94859	4.437	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.800%			
41) Toluene-d8	7.894	98	208480	3.415	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.400%#			
43) trans-1,3-Dichloroprop...	8.177	79	31289	3.774	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.400%			
46) 2-Hexanone-d5	8.627	63	155460	49.718	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.440%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78568	5.080	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	85007	4.694	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4268	0.196	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	4660	0.246	ug/L	92
30) Cyclohexane	5.380	56	13050	0.437	ug/L	97
33) Benzene	5.772	78	35677	0.461	ug/L	100
34) Trichloroethene	6.538	95	31295	1.474	ug/L	98
35) Methylcyclohexane	6.759	83	15763	0.503	ug/L	94
42) Toluene	7.965	91	122054	1.524	ug/L	96
52) Ethylbenzene	9.566	91	29085	0.329	ug/L	93
53) m,p-Xylene	9.692	106	15953	0.485	ug/L	88
54) o-Xylene	10.094	106	6419	0.205	ug/L	78
63) 1,2,4-Trimethylbenzene	11.467	105	10471	0.177	ug/L	96

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

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