Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056884.D
Acq On : 15 Dec 2023 17:12
Operator : MD/SY
Sample : 05731-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y59

Quant Time: Dec 15 22:26:40 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	224349	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84047	4.370	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.400%			
7) Chloroethane-d5	1.907	69	70157	4.875	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.563	65	36636	4.453	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.000%			
20) 2-Butanone-d5	4.618	46	193115	50.850	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.700%			
24) Chloroform-d	5.055	84	177767	4.882	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	5.695	65	86791	5.037	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.800%			
32) Benzene-d6	5.721	84	330611	4.717	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
36) 1,2-Dichloropropane-d6	6.682	67	105171	4.794	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.800%			
41) Toluene-d8	7.894	98	270625	4.320	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.400%			
43) trans-1,3-Dichloroprop...	8.177	79	39607	4.655	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.627	63	154548	48.163	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.320%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79999	5.040	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	97154	5.002	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7030	0.304	ug/L	93
18) trans-1,2-Dichloroethene	3.354	96	2482	0.134	ug/L	70
22) cis-1,2-Dichloroethene	4.660	96	25468	1.268	ug/L	91
30) Cyclohexane	5.383	56	8601	0.281	ug/L	96
33) Benzene	5.772	78	21876	0.275	ug/L	100
34) Trichloroethene	6.537	95	96047	4.409	ug/L	98
35) Methylcyclohexane	6.759	83	11248	0.350	ug/L	97
42) Toluene	7.968	91	100313	1.221	ug/L	97
47) Tetrachloroethene	8.550	164	7708	0.506	ug/L	93
52) Ethylbenzene	9.570	91	19204	0.212	ug/L	92
53) m,p-Xylene	9.688	106	9729	0.288	ug/L	92
54) o-Xylene	10.100	106	4577	0.142	ug/L	96

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

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