Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

Quant Time: Jul 19 01:37:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 19 01:30:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155368	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48001	4.440	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.911	69	45133	4.494	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.800%			
11) 1,1-Dichloroethene-d2	2.560	65	18490	4.381	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.600%			
20) 2-Butanone-d5	4.628	46	140840	55.727	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.460%			
24) Chloroform-d	5.055	84	99640	4.386	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.695	65	51777	4.894	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.721	84	205425	4.866	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	6.685	67	64977	4.830	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.600%			
41) Toluene-d8	7.891	98	172016	4.510	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
43) trans-1,3-Dichloroprop...	8.177	79	23069	5.038	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.800%			
46) 2-Hexanone-d5	8.627	63	113635	55.924	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.840%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	58293	4.869	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	73859	5.175	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	132414	8.324	ug/L	99
13) Acetone	2.647	43	9877	5.908	ug/L	78
16) Methylene chloride	3.039	84	5084	0.350	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	261038	18.893	ug/L	99
33) Benzene	5.772	78	7936	0.152	ug/L	100
42) Toluene	7.965	91	360698	6.512	ug/L	99
51) Chlorobenzene	9.444	112	36593	1.011	ug/L	97
52) Ethylbenzene	9.566	91	30721	0.556	ug/L	100
53) m,p-Xylene	9.688	106	45932	2.152	ug/L	97
54) o-Xylene	10.097	106	25725	1.260	ug/L	94
60) Isopropylbenzene	10.479	105	3591	0.069	ug/L #	83
62) 1,3,5-Trimethylbenzene	11.084	105	16068	0.407	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	52029	1.363	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	37597	1.411	ug/L	98

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

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