Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062796.D
Acq On : 16 Jan 2025 04:06
Operator : MD/SY
Sample : Q1084-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BA3

Quant Time: Jan 16 04:44:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	86680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14685	2.893	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.800%			
7) Chloroethane-d5	1.901	69	15331	3.754	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.000%			
11) 1,1-Dichloroethene-d2	2.557	65	8711	3.312	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.200%			
20) 2-Butanone-d5	4.605	46	64197	61.870	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.740%			
24) Chloroform-d	5.049	84	61013	4.885	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	5.689	65	35078	5.178	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.600%			
32) Benzene-d6	5.714	84	93275	4.402	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.676	67	28569	4.863	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.888	98	86226	4.177	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	8.171	79	14186	4.844	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.800%			
46) 2-Hexanone-d5	8.618	63	52494	56.996	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.000%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26766	5.440	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	36785	5.078	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2760	0.418	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	7988	1.242	ug/L	98
12) 1,1-Dichloroethene	2.570	96	41877	7.359	ug/L	86
16) Methylene chloride	3.033	84	50715	8.136	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	2161	0.138	ug/L #	79
18) trans-1,2-Dichloroethene	3.341	96	1166	0.191	ug/L	78
19) 1,1-Dichloroethane	3.856	63	13816	1.268	ug/L	87
22) cis-1,2-Dichloroethene	4.650	96	154125	23.215	ug/L	99
25) Chloroform	5.074	83	50064	3.732	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	6595	0.502	ug/L	99
31) Carbon tetrachloride	5.512	117	16394	1.357	ug/L	94
34) Trichloroethene	6.534	95	5646561	663.725	ug/L	98
42) Toluene	7.962	91	13990	0.513	ug/L	97
47) Tetrachloroethene	8.544	164	143296	24.456	ug/L	96
52) Ethylbenzene	9.560	91	56329	1.819	ug/L	98
53) m,p-Xylene	9.682	106	86202	7.443	ug/L	99
54) o-Xylene	10.090	106	43858	3.954	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	7397	0.290	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	21495	0.871	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	12.203	146	7687	0.590	ug/L	94

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

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