Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123024\
Data File : VU062638.D
Acq On : 30 Dec 2024 12:32
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005092

Quant Time: Dec 31 00:18:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 31 00:16:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	101880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22526	3.278	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.600%			
7) Chloroethane-d5	1.901	69	19395	3.968	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.400%			
11) 1,1-Dichloroethene-d2	2.557	65	12388	3.789	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.800%			
20) 2-Butanone-d5	4.615	46	59750	45.369	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.740%			
24) Chloroform-d	5.052	84	67758	4.556	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	5.692	65	37171	5.083	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.717	84	113360	4.121	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.400%			
36) 1,2-Dichloropropane-d6	6.679	67	32773	4.164	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.200%			
41) Toluene-d8	7.891	98	111959	4.309	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	8.174	79	16295	4.704	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.624	63	54257	51.917	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.840%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27890	4.554	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	43752	4.703	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	39104	4.097	ug/L	97
3) Chloromethane	1.515	50	26651	3.563	ug/L	91
5) Vinyl chloride	1.595	62	32434	4.164	ug/L	97
6) Bromomethane	1.843	94	23446	4.516	ug/L	95
8) Chloroethane	1.923	64	20540	4.709	ug/L	98
9) Trichlorofluoromethane	2.129	101	69736	5.159	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	34784	4.727	ug/L	91
12) 1,1-Dichloroethene	2.570	96	30754	4.471	ug/L	92
13) Acetone	2.618	43	42754	47.679	ug/L	96
14) Carbon disulfide	2.782	76	78726	3.619	ug/L	100
15) Methyl Acetate	2.943	43	9698	4.315	ug/L	94
16) Methylene chloride	3.033	84	34072	4.718	ug/L	88
17) Methyl tert-butyl Ether	3.351	73	90743	5.295	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	31821	4.502	ug/L	93
19) 1,1-Dichloroethane	3.856	63	60854	4.697	ug/L	96
21) 2-Butanone	4.692	43	62208	47.770	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	37932	4.788	ug/L	96
23) Bromochloromethane	4.962	128	17921	5.161	ug/L #	77
25) Chloroform	5.078	83	76865	5.267	ug/L	98

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VSTD005092

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48833	5.266	ug/L		96
29) 1,1,1-Trichloroethane	5.303	97	71783	5.343	ug/L		94
30) Cyclohexane	5.377	56	43435	3.987	ug/L		86
31) Carbon tetrachloride	5.512	117	66482	5.397	ug/L		97
33) Benzene	5.763	78	136837	4.624	ug/L		100
34) Trichloroethene	6.534	95	43370	5.173	ug/L		98
35) Methylcyclohexane	6.753	83	53616	4.314	ug/L		94
37) 1,2-Dichloropropane	6.782	63	33244	4.613	ug/L		100
38) Bromodichloromethane	7.097	83	54839	5.393	ug/L		99
39) cis-1,3-Dichloropropene	7.598	75	57513	4.979	ug/L		97
40) 4-Methyl-2-pentanone	7.782	43	163472	48.397	ug/L	#	93
42) Toluene	7.962	91	153215	4.801	ug/L		98
44) trans-1,3-Dichloropropene	8.203	75	50207	5.322	ug/L		97
45) 1,1,2-Trichloroethane	8.389	97	27516	5.057	ug/L		97
47) Tetrachloroethene	8.547	164	31507	4.868	ug/L		93
48) 2-Hexanone	8.676	43	114469	45.856	ug/L	#	96
49) Dibromochloromethane	8.801	129	36420	5.540	ug/L		91
50) 1,2-Dibromoethane	8.914	107	27152	5.194	ug/L	#	98
51) Chlorobenzene	9.438	112	100257	4.903	ug/L		98
52) Ethylbenzene	9.563	91	174209	4.869	ug/L		99
53) m,p-Xylene	9.685	106	65229	4.938	ug/L		93
54) o-Xylene	10.094	106	62395	4.857	ug/L		96
55) Styrene	10.106	104	109076	5.150	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.772	83	31205	4.928	ug/L	#	96
59) Bromoform	10.283	173	22080	5.566	ug/L		98
60) Isopropylbenzene	10.476	105	179268	4.916	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	23390	5.011	ug/L		94
62) 1,3,5-Trimethylbenzene	11.081	105	155284	5.032	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	153256	5.069	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	84165	5.024	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	83560	4.954	ug/L		100
67) 1,2-Dichlorobenzene	12.206	146	79784	5.154	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6260	6.148	ug/L		94
69) 1,3,5-Trichlorobenzene	13.212	180	66159	5.313	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	53973	5.490	ug/L		97
71) Naphthalene	14.084	128	79867	5.410	ug/L		100
72) 1,2,3-Trichlorobenzene	14.325	180	46821	5.400	ug/L		99

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

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