Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060128.D
Acq On : 23 Jul 2024 21:39
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005154

Quant Time: Jul 24 04:26:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 24 04:18:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54270	5.041	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.800%			
7) Chloroethane-d5	1.907	69	48386	4.838	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.800%			
11) 1,1-Dichloroethene-d2	2.560	65	20489	4.875	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.400%			
20) 2-Butanone-d5	4.624	46	109183	43.383	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.760%			
24) Chloroform-d	5.055	84	105069	4.644	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.695	65	48720	4.625	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
32) Benzene-d6	5.721	84	206400	4.712	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	6.682	67	63296	4.535	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.800%			
41) Toluene-d8	7.891	98	196358	4.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
43) trans-1,3-Dichloroprop...	8.174	79	21222	4.467	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.400%			
46) 2-Hexanone-d5	8.627	63	93149	44.183	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.360%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56465	4.546	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	70709	4.522	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	46363	3.963	ug/L	100
3) Chloromethane	1.515	50	55908	3.956	ug/L	97
5) Vinyl chloride	1.599	62	67451	4.258	ug/L	99
6) Bromomethane	1.853	94	46267	4.486	ug/L	98
8) Chloroethane	1.930	64	44690	4.319	ug/L	98
9) Trichlorofluoromethane	2.133	101	86212	4.316	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55785	4.279	ug/L	98
12) 1,1-Dichloroethene	2.573	96	51173	4.333	ug/L	96
13) Acetone	2.637	43	75040	45.074	ug/L	95
14) Carbon disulfide	2.788	76	139342	4.052	ug/L	99
15) Methyl Acetate	2.949	43	20123	4.914	ug/L	99
16) Methylene chloride	3.039	84	61619	4.256	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	122082	4.533	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	53286	4.338	ug/L	97
19) 1,1-Dichloroethane	3.859	63	104684	4.488	ug/L	98
21) 2-Butanone	4.705	43	120243	45.626	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	61843	4.495	ug/L	99
23) Bromochloromethane	4.968	128	31088	4.649	ug/L	95
25) Chloroform	5.078	83	113143	4.411	ug/L	99

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005154

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64858	4.423	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	89666	4.391	ug/L	99
30) Cyclohexane	5.380	56	65832	4.076	ug/L	96
31) Carbon tetrachloride	5.518	117	74112	4.207	ug/L	97
33) Benzene	5.766	78	239846	4.441	ug/L	100
34) Trichloroethene	6.538	95	62283	4.348	ug/L	98
35) Methylcyclohexane	6.756	83	74892	3.989	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63436	4.348	ug/L	100
38) Bromodichloromethane	7.100	83	79908	4.372	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	78153	4.099	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	306199	47.428	ug/L	97
42) Toluene	7.962	91	261708	4.554	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65567	4.117	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	52661	4.724	ug/L	98
47) Tetrachloroethene	8.547	164	50920	4.300	ug/L	96
48) 2-Hexanone	8.679	43	234102	49.524	ug/L	100
49) Dibromochloromethane	8.801	129	55749	4.520	ug/L	99
50) 1,2-Dibromoethane	8.917	107	47645	4.727	ug/L	98
51) Chlorobenzene	9.441	112	164897	4.392	ug/L	100
52) Ethylbenzene	9.566	91	251561	4.389	ug/L	99
53) m,p-Xylene	9.689	106	97839	4.419	ug/L	98
54) o-Xylene	10.094	106	96761	4.570	ug/L	97
55) Styrene	10.110	104	171828	4.768	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	62781	4.603	ug/L	95
59) Bromoform	10.287	173	36848	4.680	ug/L	98
60) Isopropylbenzene	10.480	105	247406	4.366	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42613	4.666	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	184536	4.263	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	183917	4.397	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	136711	4.484	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	134793	4.343	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	133600	4.578	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8550	4.803	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	99260	4.314	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	80018	4.569	ug/L	97
71) Naphthalene	14.081	128	117607	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	75142	4.771	ug/L	97

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

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