Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
Data File : VU057609.D
Acq On : 24 Jan 2024 08:26
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

Quant Time: Jan 24 08:38:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 24 01:55:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58249	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17605	5.030	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.600%			
7) Chloroethane-d5	1.914	69	13945	4.755	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.563	65	8177	4.968	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.400%			
20) 2-Butanone-d5	4.644	46	35694	54.058	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.120%			
24) Chloroform-d	5.055	84	36397	5.123	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
26) 1,2-Dichloroethane-d4	5.695	65	16574	5.134	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
32) Benzene-d6	5.721	84	70478	5.158	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.200%			
36) 1,2-Dichloropropane-d6	6.685	67	20979	5.091	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.800%			
41) Toluene-d8	7.891	98	66303	5.112	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
43) trans-1,3-Dichloroprop...	8.177	79	7840	4.773	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.400%			
46) 2-Hexanone-d5	8.631	63	25976	49.568	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.140%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14178	5.132	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	21382	5.305	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	27690	5.144	ug/L	99
3) Chloromethane	1.518	50	26894	4.994	ug/L	97
5) Vinyl chloride	1.602	62	29349	5.120	ug/L	100
6) Bromomethane	1.856	94	14752	4.936	ug/L	98
8) Chloroethane	1.933	64	17213	5.014	ug/L	97
9) Trichlorofluoromethane	2.136	101	44168	5.173	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	25201	5.077	ug/L	99
12) 1,1-Dichloroethene	2.576	96	23042	4.991	ug/L	95
13) Acetone	2.666	43	28870	46.013	ug/L	95
14) Carbon disulfide	2.792	76	74057	4.948	ug/L	100
15) Methyl Acetate	2.962	43	8466	5.244	ug/L	93
16) Methylene chloride	3.042	84	24968	5.038	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	55854	5.088	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	24978	5.137	ug/L	97
19) 1,1-Dichloroethane	3.862	63	46261	5.152	ug/L	98
21) 2-Butanone	4.721	43	47770	48.539	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	26844	5.135	ug/L	98
23) Bromochloromethane	4.968	128	10649	5.071	ug/L	95
25) Chloroform	5.081	83	47282	4.962	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	27277	4.915	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	42967	5.025	ug/L	99
30) Cyclohexane	5.383	56	42576	5.161	ug/L	97
31) Carbon tetrachloride	5.518	117	38476	5.101	ug/L	99
33) Benzene	5.769	78	102799	5.145	ug/L	100
34) Trichloroethene	6.537	95	27936	5.072	ug/L	99
35) Methylcyclohexane	6.756	83	44285	4.977	ug/L	98
37) 1,2-Dichloropropane	6.785	63	26311	5.264	ug/L	98
38) Bromodichloromethane	7.100	83	33200	4.936	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	38074	4.901	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	121005	50.734	ug/L	100
42) Toluene	7.965	91	111582	5.180	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	30300	4.800	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	16566	5.096	ug/L	96
47) Tetrachloroethene	8.547	164	23790	5.878	ug/L	98
48) 2-Hexanone	8.679	43	84226	50.327	ug/L	96
49) Dibromochloromethane	8.804	129	20644	4.904	ug/L	99
50) 1,2-Dibromoethane	8.917	107	16135	5.114	ug/L	98
51) Chlorobenzene	9.441	112	69176	5.120	ug/L	99
52) Ethylbenzene	9.563	91	125727	5.180	ug/L	99
53) m,p-Xylene	9.688	106	45560	5.087	ug/L	96
54) o-Xylene	10.094	106	43857	5.023	ug/L	100
55) Styrene	10.110	104	67381	5.044	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	19563	4.960	ug/L	98
59) Bromoform	10.283	173	11249	4.822	ug/L	99
60) Isopropylbenzene	10.476	105	110449	4.909	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13938	4.836	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	98660	4.920	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	98790	4.923	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	50316	4.899	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	47767	4.859	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	44866	4.895	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	2874	5.297	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	35299	4.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	25527	4.622	ug/L	97
71) Naphthalene	14.084	128	36613	4.683	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	20051	4.665	ug/L	99

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

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