Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092424\
Data File : VU060988.D
Acq On : 24 Sep 2024 10:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

Quant Time: Sep 25 04:44:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 24 06:06:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	126546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	126654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61986	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44068	3.872	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.400%			
7) Chloroethane-d5	1.910	69	34457	4.252	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.000%			
11) 1,1-Dichloroethene-d2	2.560	65	15801	3.917	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.400%			
20) 2-Butanone-d5	4.637	46	88495	48.431	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.860%			
24) Chloroform-d	5.055	84	77704	4.466	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	5.695	65	38241	4.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.721	84	146654	4.320	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.682	67	48271	4.596	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.000%			
41) Toluene-d8	7.891	98	130859	4.228	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
43) trans-1,3-Dichloroprop...	8.174	79	15681	4.148	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.000%			
46) 2-Hexanone-d5	8.627	63	69985	46.927	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.860%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	38411	4.668	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	44449	4.268	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	49877	5.222	ug/L	99
3) Chloromethane	1.518	50	56640	5.613	ug/L	99
5) Vinyl chloride	1.602	62	61984	5.676	ug/L	99
6) Bromomethane	1.856	94	33532	4.805	ug/L	95
8) Chloroethane	1.930	64	38108	5.711	ug/L	96
9) Trichlorofluoromethane	2.136	101	90180	6.012	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	47059	5.399	ug/L	98
12) 1,1-Dichloroethene	2.576	96	41441	5.206	ug/L	87
13) Acetone	2.660	43	69089	56.675	ug/L	93
14) Carbon disulfide	2.788	76	109800	4.972	ug/L	99
15) Methyl Acetate	2.962	43	16998	5.719	ug/L	99
16) Methylene chloride	3.039	84	54282	5.889	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	102634	5.705	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42904	5.202	ug/L	95
19) 1,1-Dichloroethane	3.859	63	95457	5.764	ug/L	97
21) 2-Butanone	4.717	43	113749	57.322	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	51115	5.599	ug/L	97
23) Bromochloromethane	4.968	128	24257	5.626	ug/L	96
25) Chloroform	5.081	83	100527	5.822	ug/L	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

Quant Time: Sep 25 04:44:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	57499	5.746	ug/L		99
29) 1,1,1-Trichloroethane	5.306	97	82101	6.004	ug/L		99
30) Cyclohexane	5.380	56	58694	5.222	ug/L		99
31) Carbon tetrachloride	5.515	117	73310	6.056	ug/L		98
33) Benzene	5.766	78	198598	5.702	ug/L		100
34) Trichloroethene	6.534	95	51180	5.606	ug/L		98
35) Methylcyclohexane	6.756	83	61855	4.938	ug/L		99
37) 1,2-Dichloropropane	6.782	63	57250	5.966	ug/L	#	98
38) Bromodichloromethane	7.097	83	70214	5.965	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	68069	5.333	ug/L		94
40) 4-Methyl-2-pentanone	7.785	43	276806	61.771	ug/L		99
42) Toluene	7.962	91	216106	5.935	ug/L		97
44) trans-1,3-Dichloropropene	8.203	75	59049	5.626	ug/L		95
45) 1,1,2-Trichloroethane	8.389	97	41447	5.982	ug/L		97
47) Tetrachloroethene	8.547	164	37880	5.221	ug/L		99
48) 2-Hexanone	8.679	43	199267	61.006	ug/L		99
49) Dibromochloromethane	8.804	129	46771	5.930	ug/L		95
50) 1,2-Dibromoethane	8.917	107	36444	5.894	ug/L		98
51) Chlorobenzene	9.441	112	133021	5.440	ug/L		98
52) Ethylbenzene	9.563	91	209496	5.465	ug/L		99
53) m,p-Xylene	9.688	106	80739	5.555	ug/L		97
54) o-Xylene	10.093	106	77697	5.417	ug/L		97
55) Styrene	10.106	104	136489	5.646	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.772	83	51288	5.935	ug/L		98
59) Bromoform	10.283	173	27998	5.993	ug/L		98
60) Isopropylbenzene	10.476	105	204034	5.554	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	34269	5.927	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	150801	5.282	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	152027	5.389	ug/L		100
64) 1,3-Dichlorobenzene	11.736	146	100900	5.463	ug/L		98
65) 1,4-Dichlorobenzene	11.830	146	99293	5.201	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	97017	5.555	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6877	6.092	ug/L		87
69) 1,3,5-Trichlorobenzene	13.212	180	68199	4.936	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	48595	4.993	ug/L		99
71) Naphthalene	14.084	128	61633	4.801	ug/L		98
72) 1,2,3-Trichlorobenzene	14.322	180	43826	5.212	ug/L		97

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

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