Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
Data File : VU061082.D
Acq On : 10 Oct 2024 11:29
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

Quant Time: Oct 11 06:42:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52701	4.092	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.800%			
7) Chloroethane-d5	1.907	69	42767	4.436	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.800%			
11) 1,1-Dichloroethene-d2	2.560	65	23851	4.198	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.000%			
20) 2-Butanone-d5	4.621	46	152810	49.535	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.080%			
24) Chloroform-d	5.055	84	113978	5.022	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	5.695	65	59006	4.905	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.721	84	215688	4.903	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	6.682	67	71424	4.943	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.891	98	195367	4.751	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	8.174	79	29396	4.758	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.200%			
46) 2-Hexanone-d5	8.627	63	126864	49.614	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.220%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53709	5.069	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	67108	5.276	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	43732	4.981	ug/L	99
3) Chloromethane	1.518	50	60190	4.747	ug/L	97
5) Vinyl chloride	1.602	62	63633	4.999	ug/L	97
6) Bromomethane	1.853	94	34072	5.018	ug/L	96
8) Chloroethane	1.930	64	39495	5.115	ug/L	99
9) Trichlorofluoromethane	2.132	101	87796	5.368	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57362	5.310	ug/L	96
12) 1,1-Dichloroethene	2.573	96	54719	5.261	ug/L	99
13) Acetone	2.634	43	95292	48.031	ug/L	97
14) Carbon disulfide	2.788	76	179644	5.082	ug/L	99
15) Methyl Acetate	2.952	43	22216	4.599	ug/L	99
16) Methylene chloride	3.039	84	61962	5.189	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	151757	5.099	ug/L #	96
18) trans-1,2-Dichloroethene	3.348	96	57866	5.075	ug/L	92
19) 1,1-Dichloroethane	3.862	63	116857	5.267	ug/L	98
21) 2-Butanone	4.701	43	159294	48.772	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	65921	5.191	ug/L	94
23) Bromochloromethane	4.968	128	27478	5.376	ug/L	92
25) Chloroform	5.078	83	118169	5.316	ug/L	98

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MSVOA_U
ClientSampleId :
VSTD005101

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	74007	5.055	ug/L		95
29) 1,1,1-Trichloroethane	5.306	97	100926	5.227	ug/L		98
30) Cyclohexane	5.380	56	107582	5.002	ug/L		94
31) Carbon tetrachloride	5.515	117	87191	5.321	ug/L		98
33) Benzene	5.766	78	260377	5.294	ug/L		100
34) Trichloroethene	6.537	95	69398	5.205	ug/L		97
35) Methylcyclohexane	6.756	83	112648	5.231	ug/L		97
37) 1,2-Dichloropropane	6.782	63	67201	5.184	ug/L	#	97
38) Bromodichloromethane	7.097	83	85669	5.287	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	105596	5.196	ug/L		97
40) 4-Methyl-2-pentanone	7.782	43	408342	49.182	ug/L		95
42) Toluene	7.962	91	279378	5.331	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	87482	5.205	ug/L		96
45) 1,1,2-Trichloroethane	8.393	97	44103	5.134	ug/L		96
47) Tetrachloroethene	8.547	164	47410	5.463	ug/L		96
48) 2-Hexanone	8.679	43	289827	50.350	ug/L		95
49) Dibromochloromethane	8.801	129	53895	5.392	ug/L		100
50) 1,2-Dibromoethane	8.917	107	43113	5.301	ug/L	#	98
51) Chlorobenzene	9.441	112	171649	5.378	ug/L		95
52) Ethylbenzene	9.563	91	315234	5.308	ug/L		98
53) m,p-Xylene	9.688	106	114354	5.279	ug/L		90
54) o-Xylene	10.093	106	113037	5.304	ug/L		91
55) Styrene	10.110	104	182704	5.312	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.775	83	55615	5.152	ug/L		95
59) Bromoform	10.283	173	29258	5.358	ug/L		99
60) Isopropylbenzene	10.476	105	284755	5.352	ug/L		98
61) 1,2,3-Trichloropropane	10.817	75	38987	4.989	ug/L		100
62) 1,3,5-Trimethylbenzene	11.081	105	246434	5.256	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	249643	5.275	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	126189	5.533	ug/L		97
65) 1,4-Dichlorobenzene	11.830	146	122423	5.430	ug/L		96
67) 1,2-Dichlorobenzene	12.206	146	114394	5.427	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.990	75	8694	5.101	ug/L	#	80
69) 1,3,5-Trichlorobenzene	13.212	180	87941	5.476	ug/L	#	96
70) 1,2,4-trichlorobenzene	13.836	180	70119	5.698	ug/L		97
71) Naphthalene	14.084	128	105590	5.253	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	56319	5.500	ug/L		97

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

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