Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062399.D
Acq On : 17 Dec 2024 20:08
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005192

Quant Time: Dec 18 00:19:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 00:11:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93886	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28077	4.434	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.907	69	22260	4.942	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.800%			
11) 1,1-Dichloroethene-d2	2.560	65	13391	4.445	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.800%			
20) 2-Butanone-d5	4.624	46	61364	50.562	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.120%			
24) Chloroform-d	5.052	84	70040	5.110	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
26) 1,2-Dichloroethane-d4	5.692	65	36315	5.388	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.800%			
32) Benzene-d6	5.717	84	121585	4.803	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.000%			
36) 1,2-Dichloropropane-d6	6.682	67	34483	4.761	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.200%			
41) Toluene-d8	7.891	98	114477	4.787	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	8.174	79	15605	4.895	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.800%			
46) 2-Hexanone-d5	8.624	63	48178	50.090	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.180%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28961	5.139	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	43947	5.217	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	39295	4.468	ug/L	100
3) Chloromethane	1.515	50	30079	4.363	ug/L	97
5) Vinyl chloride	1.599	62	33905	4.724	ug/L	98
6) Bromomethane	1.853	94	23316	4.874	ug/L	100
8) Chloroethane	1.930	64	19337	4.810	ug/L	96
9) Trichlorofluoromethane	2.132	101	62158	4.990	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31392	4.630	ug/L	91
12) 1,1-Dichloroethene	2.573	96	29551	4.662	ug/L	87
13) Acetone	2.640	43	42796	51.790	ug/L	96
14) Carbon disulfide	2.785	76	85317	4.256	ug/L	99
15) Methyl Acetate	2.952	43	9307	4.494	ug/L #	84
16) Methylene chloride	3.036	84	33751	5.072	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	79475	5.033	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	31074	4.771	ug/L	91
19) 1,1-Dichloroethane	3.859	63	56918	4.768	ug/L	99
21) 2-Butanone	4.701	43	60975	50.810	ug/L	88
22) cis-1,2-Dichloroethene	4.653	96	35757	4.898	ug/L	92
23) Bromochloromethane	4.965	128	17488	5.465	ug/L #	78
25) Chloroform	5.078	83	69048	5.135	ug/L	99

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Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005192

Quant Time: Dec 18 00:19:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 00:11:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	44665	5.227	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	65571	5.303	ug/L		94
30) Cyclohexane	5.377	56	40145	4.004	ug/L		89
31) Carbon tetrachloride	5.515	117	57043	5.031	ug/L		97
33) Benzene	5.762	78	130823	4.803	ug/L		100
34) Trichloroethene	6.534	95	37452	4.854	ug/L		96
35) Methylcyclohexane	6.753	83	47353	4.139	ug/L		95
37) 1,2-Dichloropropane	6.782	63	33313	5.022	ug/L		99
38) Bromodichloromethane	7.097	83	49184	5.256	ug/L		98
39) cis-1,3-Dichloropropene	7.598	75	52049	4.896	ug/L		100
40) 4-Methyl-2-pentanone	7.782	43	157615	50.701	ug/L	#	91
42) Toluene	7.962	91	144300	4.913	ug/L		96
44) trans-1,3-Dichloropropene	8.203	75	45126	5.198	ug/L		100
45) 1,1,2-Trichloroethane	8.389	97	26906	5.373	ug/L		94
47) Tetrachloroethene	8.544	164	30612	5.139	ug/L		95
48) 2-Hexanone	8.675	43	117293	51.054	ug/L	#	94
49) Dibromochloromethane	8.801	129	34555	5.712	ug/L		99
50) 1,2-Dibromoethane	8.913	107	25612	5.323	ug/L	#	97
51) Chlorobenzene	9.438	112	95666	5.083	ug/L		96
52) Ethylbenzene	9.563	91	158597	4.816	ug/L		99
53) m,p-Xylene	9.685	106	59201	4.869	ug/L		99
54) o-Xylene	10.090	106	58903	4.982	ug/L		96
55) Styrene	10.106	104	99685	5.114	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.772	83	31082	5.334	ug/L		99
59) Bromoform	10.280	173	20533	5.716	ug/L	#	96
60) Isopropylbenzene	10.476	105	158704	4.806	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	22300	5.276	ug/L		94
62) 1,3,5-Trimethylbenzene	11.081	105	133083	4.762	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	133123	4.862	ug/L		98
64) 1,3-Dichlorobenzene	11.736	146	76732	5.058	ug/L		99
65) 1,4-Dichlorobenzene	11.826	146	77883	5.099	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	71899	5.129	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5239	5.682	ug/L	#	82
69) 1,3,5-Trichlorobenzene	13.209	180	58191	5.161	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	46600	5.234	ug/L		97
71) Naphthalene	14.080	128	67557	5.053	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	41732	5.315	ug/L		100

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

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