Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062375.D
Acq On : 17 Dec 2024 09:03
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005191

Quant Time: Dec 18 00:04:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 17 01:28:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	107137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	102051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31433	4.350	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.000%			
7) Chloroethane-d5	1.911	69	24501	4.767	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.400%			
11) 1,1-Dichloroethene-d2	2.560	65	15823	4.603	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.000%			
20) 2-Butanone-d5	4.624	46	63145	45.594	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.180%			
24) Chloroform-d	5.052	84	74469	4.761	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	5.695	65	37215	4.839	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
32) Benzene-d6	5.717	84	133207	4.532	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	6.682	67	37471	4.456	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.200%			
41) Toluene-d8	7.891	98	126716	4.564	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	8.174	79	17351	4.687	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.800%			
46) 2-Hexanone-d5	8.627	63	48249	43.204	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.400%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29361	4.487	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	46236	4.719	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	48884	4.871	ug/L	99
3) Chloromethane	1.515	50	34750	4.417	ug/L	98
5) Vinyl chloride	1.599	62	39372	4.807	ug/L	98
6) Bromomethane	1.853	94	24591	4.504	ug/L	95
8) Chloroethane	1.930	64	22109	4.820	ug/L	98
9) Trichlorofluoromethane	2.132	101	75034	5.278	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39741	5.136	ug/L	91
12) 1,1-Dichloroethene	2.573	96	34853	4.818	ug/L	88
13) Acetone	2.640	43	46952	49.791	ug/L	98
14) Carbon disulfide	2.785	76	100153	4.378	ug/L	99
15) Methyl Acetate	2.955	43	10859	4.595	ug/L	95
16) Methylene chloride	3.036	84	35957	4.735	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	85687	4.755	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	36030	4.848	ug/L	90
19) 1,1-Dichloroethane	3.859	63	65895	4.837	ug/L	98
21) 2-Butanone	4.705	43	67609	49.370	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	41158	4.940	ug/L	93
23) Bromochloromethane	4.965	128	18590	5.091	ug/L #	83
25) Chloroform	5.078	83	78626	5.124	ug/L	99

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Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005191

Quant Time: Dec 18 00:04:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 17 01:28:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48763	5.000	ug/L		97
29) 1,1,1-Trichloroethane	5.306	97	75099	5.231	ug/L		95
30) Cyclohexane	5.377	56	52649	4.523	ug/L		89
31) Carbon tetrachloride	5.515	117	68220	5.182	ug/L		100
33) Benzene	5.766	78	152194	4.812	ug/L		100
34) Trichloroethene	6.534	95	43427	4.848	ug/L		96
35) Methylcyclohexane	6.753	83	64435	4.851	ug/L		96
37) 1,2-Dichloropropane	6.782	63	38114	4.949	ug/L		99
38) Bromodichloromethane	7.097	83	53340	4.909	ug/L		94
39) cis-1,3-Dichloropropene	7.598	75	58889	4.770	ug/L		100
40) 4-Methyl-2-pentanone	7.782	43	166851	46.226	ug/L	#	91
42) Toluene	7.962	91	168630	4.945	ug/L		97
44) trans-1,3-Dichloropropene	8.203	75	49683	4.929	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	28293	4.866	ug/L		98
47) Tetrachloroethene	8.547	164	35480	5.130	ug/L		97
48) 2-Hexanone	8.676	43	122447	45.903	ug/L	#	90
49) Dibromochloromethane	8.801	129	36562	5.205	ug/L		97
50) 1,2-Dibromoethane	8.917	107	27378	4.901	ug/L	#	100
51) Chlorobenzene	9.441	112	108178	4.951	ug/L		98
52) Ethylbenzene	9.563	91	189807	4.964	ug/L		99
53) m,p-Xylene	9.688	106	72263	5.119	ug/L		97
54) o-Xylene	10.093	106	68716	5.005	ug/L		98
55) Styrene	10.106	104	114893	5.077	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.772	83	32434	4.793	ug/L	#	94
59) Bromoform	10.283	173	20887	4.999	ug/L	#	96
60) Isopropylbenzene	10.476	105	193341	5.034	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	23529	4.786	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	162921	5.012	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	159477	5.008	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	89167	5.054	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	86310	4.858	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	80731	4.952	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5164	4.815	ug/L	#	81
69) 1,3,5-Trichlorobenzene	13.212	180	67950	5.181	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	50640	4.891	ug/L		98
71) Naphthalene	14.080	128	65003	4.181	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	42824	4.690	ug/L		97

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

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