Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060778.D
Acq On : 16 Sep 2024 13:16
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV023

Quant Time: Sep 17 01:41:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 01:33:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177176	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	73869	4.635	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.800%			
7) Chloroethane-d5	1.911	69	56533	4.983	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.600%			
11) 1,1-Dichloroethene-d2	2.563	65	28306	5.012	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.200%			
20) 2-Butanone-d5	4.634	46	133266	52.092	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.180%			
24) Chloroform-d	5.055	84	119761	4.916	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.695	65	57770	4.961	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.721	84	241403	5.024	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
36) 1,2-Dichloropropane-d6	6.682	67	73740	4.960	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.200%			
41) Toluene-d8	7.891	98	228541	5.217	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.400%			
43) trans-1,3-Dichloroprop...	8.174	79	28753	5.373	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.400%			
46) 2-Hexanone-d5	8.627	63	116783	55.321	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.640%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	60407	5.186	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	77684	5.098	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	66385	4.964	ug/L	98
3) Chloromethane	1.518	50	67173	4.755	ug/L	99
5) Vinyl chloride	1.602	62	74286	4.858	ug/L	97
6) Bromomethane	1.856	94	45811	4.688	ug/L	95
8) Chloroethane	1.933	64	44775	4.793	ug/L	99
9) Trichlorofluoromethane	2.136	101	100783	4.799	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59017	4.836	ug/L	98
12) 1,1-Dichloroethene	2.576	96	54661	4.905	ug/L	93
13) Acetone	2.653	43	80505	47.168	ug/L	98
14) Carbon disulfide	2.788	76	150599	4.871	ug/L	100
15) Methyl Acetate	2.962	43	21065	5.062	ug/L	96
16) Methylene chloride	3.039	84	65536	5.078	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	129046	5.123	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55482	4.804	ug/L	96
19) 1,1-Dichloroethane	3.862	63	112247	4.841	ug/L	99
21) 2-Butanone	4.711	43	139184	50.096	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	62614	4.899	ug/L	100
23) Bromochloromethane	4.965	128	30370	5.031	ug/L	95
25) Chloroform	5.081	83	115789	4.789	ug/L	100

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ClientSampleId :
VICV023

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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	66722	4.763	ug/L		99
29) 1,1,1-Trichloroethane	5.309	97	96213	4.971	ug/L		98
30) Cyclohexane	5.380	56	79604	5.004	ug/L		100
31) Carbon tetrachloride	5.518	117	85827	5.009	ug/L		99
33) Benzene	5.766	78	252788	5.128	ug/L		100
34) Trichloroethene	6.537	95	65769	5.090	ug/L		96
35) Methylcyclohexane	6.756	83	89470	5.046	ug/L		98
37) 1,2-Dichloropropane	6.782	63	70359	5.180	ug/L	#	97
38) Bromodichloromethane	7.097	83	84259	5.057	ug/L		99
39) cis-1,3-Dichloropropene	7.598	75	97301	5.386	ug/L		96
40) 4-Methyl-2-pentanone	7.785	43	345138	54.412	ug/L		99
42) Toluene	7.962	91	273259	5.302	ug/L		98
44) trans-1,3-Dichloropropene	8.203	75	78498	5.284	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	49426	5.040	ug/L		98
47) Tetrachloroethene	8.547	164	52777	5.139	ug/L		96
48) 2-Hexanone	8.679	43	262502	56.776	ug/L		98
49) Dibromochloromethane	8.801	129	56344	5.047	ug/L		97
50) 1,2-Dibromoethane	8.917	107	45743	5.227	ug/L		96
51) Chlorobenzene	9.441	112	176720	5.106	ug/L		98
52) Ethylbenzene	9.563	91	279179	5.145	ug/L		99
53) m,p-Xylene	9.688	106	109360	5.316	ug/L		99
54) o-Xylene	10.094	106	106796	5.260	ug/L		98
55) Styrene	10.106	104	183762	5.370	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.772	83	61171	5.001	ug/L		97
59) Bromoform	10.283	173	35285	5.163	ug/L		96
60) Isopropylbenzene	10.476	105	280430	5.218	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	43648	5.160	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	211890	5.073	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	215076	5.211	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	142372	5.268	ug/L		100
65) 1,4-Dichlorobenzene	11.830	146	142653	5.107	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	129983	5.087	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.987	75	9317	5.641	ug/L	#	78
69) 1,3,5-Trichlorobenzene	13.212	180	103278	5.109	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	78234	5.494	ug/L		98
71) Naphthalene	14.081	128	104537	5.566	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	68286	5.551	ug/L		98

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

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