Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071024\
Data File : VU059890.D
Acq On : 10 Jul 2024 08:30
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Quant Time: Jul 11 01:50:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158596	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41323	3.747	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.000%			
7) Chloroethane-d5	1.907	69	38993	3.675	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.400%			
11) 1,1-Dichloroethene-d2	2.560	65	15430	3.373	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.400%			
20) 2-Butanone-d5	4.624	46	131394	57.842	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.680%			
24) Chloroform-d	5.055	84	98360	4.345	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
26) 1,2-Dichloroethane-d4	5.695	65	46680	4.281	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
32) Benzene-d6	5.721	84	176364	4.054	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.000%			
36) 1,2-Dichloropropane-d6	6.685	67	60257	4.520	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.400%			
41) Toluene-d8	7.891	98	156965	3.881	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.600%			
43) trans-1,3-Dichloroprop...	8.174	79	21509	5.153	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.000%			
46) 2-Hexanone-d5	8.627	63	108425	62.512	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.020%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56548	5.134	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	64077	4.262	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	60822	4.526	ug/L	98
3) Chloromethane	1.515	50	67073	4.637	ug/L	100
5) Vinyl chloride	1.599	62	77190	4.831	ug/L	100
6) Bromomethane	1.853	94	45873	4.129	ug/L	98
8) Chloroethane	1.930	64	49662	5.159	ug/L	100
9) Trichlorofluoromethane	2.132	101	98901	5.142	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65376	5.369	ug/L	94
12) 1,1-Dichloroethene	2.573	96	58737	5.222	ug/L	80
13) Acetone	2.637	43	87232	59.198	ug/L	94
14) Carbon disulfide	2.785	76	179381	4.780	ug/L	99
15) Methyl Acetate	2.952	43	18604	4.784	ug/L #	83
16) Methylene chloride	3.036	84	69251	5.196	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	131539	5.427	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	60114	5.139	ug/L	89
19) 1,1-Dichloroethane	3.859	63	115672	5.362	ug/L	97
21) 2-Butanone	4.705	43	131283	55.546	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	69932	5.424	ug/L	94
23) Bromochloromethane	4.968	128	32639	5.553	ug/L	86
25) Chloroform	5.078	83	122096	5.374	ug/L	99

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MSVOA_U
ClientSampleId :
VSTD005141

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70215	5.100	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	97472	5.340	ug/L		98
30) Cyclohexane	5.380	56	84329	5.233	ug/L		93
31) Carbon tetrachloride	5.518	117	83783	5.482	ug/L		100
33) Benzene	5.766	78	264455	5.509	ug/L		100
34) Trichloroethene	6.537	95	69959	5.381	ug/L		97
35) Methylcyclohexane	6.756	83	96801	5.233	ug/L		95
37) 1,2-Dichloropropane	6.785	63	69701	5.611	ug/L	#	96
38) Bromodichloromethane	7.097	83	87322	5.631	ug/L		95
39) cis-1,3-Dichloropropene	7.602	75	94493	5.562	ug/L		97
40) 4-Methyl-2-pentanone	7.785	43	313545	54.470	ug/L	#	93
42) Toluene	7.965	91	287937	5.666	ug/L		100
44) trans-1,3-Dichloropropene	8.206	75	77947	5.716	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	52548	5.740	ug/L		99
47) Tetrachloroethene	8.547	164	57133	5.663	ug/L		94
48) 2-Hexanone	8.679	43	235294	57.274	ug/L	#	93
49) Dibromochloromethane	8.804	129	58842	5.803	ug/L		96
50) 1,2-Dibromoethane	8.917	107	48274	5.710	ug/L		97
51) Chlorobenzene	9.441	112	181128	5.619	ug/L		96
52) Ethylbenzene	9.566	91	286108	5.488	ug/L		96
53) m,p-Xylene	9.688	106	114239	5.705	ug/L		97
54) o-Xylene	10.094	106	108454	5.707	ug/L		94
55) Styrene	10.110	104	188732	5.834	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.775	83	63100	5.682	ug/L		97
59) Bromoform	10.283	173	36019	5.572	ug/L	#	99
60) Isopropylbenzene	10.479	105	290074	5.560	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	42242	5.412	ug/L		97
62) 1,3,5-Trimethylbenzene	11.084	105	220370	5.331	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	215275	5.447	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	146667	5.527	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	146909	5.378	ug/L		97
67) 1,2-Dichlorobenzene	12.206	146	136500	5.466	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.991	75	8476	5.567	ug/L	#	79
69) 1,3,5-Trichlorobenzene	13.216	180	108324	5.514	ug/L		98
70) 1,2,4-trichlorobenzene	13.836	180	83378	5.533	ug/L		96
71) Naphthalene	14.084	128	115791	5.369	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	77083	5.509	ug/L		97

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

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