Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
Data File : VU061465.D
Acq On : 05 Nov 2024 20:17
Operator : MD/SY
Sample : P4689-10MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD2MSD

Quant Time: Nov 06 00:06:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 05 23:59:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152843	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52957	5.101	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.000%			
7) Chloroethane-d5	1.907	69	57567	6.048	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.000%			
11) 1,1-Dichloroethene-d2	2.560	65	23371	5.261	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.200%			
20) 2-Butanone-d5	4.621	46	122105	57.925	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.840%			
24) Chloroform-d	5.052	84	111731	5.669	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.400%			
26) 1,2-Dichloroethane-d4	5.695	65	55312	5.631	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.600%			
32) Benzene-d6	5.718	84	226832	5.512	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.200%			
36) 1,2-Dichloropropane-d6	6.682	67	66259	5.355	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.200%			
41) Toluene-d8	7.891	98	211315	5.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.800%			
43) trans-1,3-Dichloroprop...	8.174	79	24518	4.855	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.000%			
46) 2-Hexanone-d5	8.624	63	110572	53.454	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.900%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54348	5.809	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	69203	5.575	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	50112	4.918	ug/L	99
3) Chloromethane	1.518	50	48363	4.501	ug/L	100
5) Vinyl chloride	1.602	62	55525	4.700	ug/L	99
6) Bromomethane	1.853	94	39656	5.065	ug/L	97
8) Chloroethane	1.930	64	46771	5.377	ug/L	100
9) Trichlorofluoromethane	2.132	101	82315	5.130	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48319	5.071	ug/L	98
12) 1,1-Dichloroethene	2.573	96	45396	5.024	ug/L	98
13) Acetone	2.637	43	72989	54.668	ug/L	99
14) Carbon disulfide	2.788	76	126261	4.188	ug/L	99
15) Methyl Acetate	2.956	43	13352	4.039	ug/L	95
16) Methylene chloride	3.036	84	55151	5.179	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	125677	5.132	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	49860	4.990	ug/L	99
19) 1,1-Dichloroethane	3.856	63	99836	5.297	ug/L	99
21) 2-Butanone	4.701	43	122164	57.717	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	60584	5.308	ug/L	97
23) Bromochloromethane	4.965	128	26427	5.503	ug/L	97
25) Chloroform	5.078	83	106105	5.355	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67566	5.396	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	89407	4.999	ug/L	99
30) Cyclohexane	5.380	56	79223	4.416	ug/L	97
31) Carbon tetrachloride	5.515	117	74190	4.848	ug/L	99
33) Benzene	5.766	78	230813	5.110	ug/L	100
34) Trichloroethene	6.534	95	59108	4.811	ug/L	97
35) Methylcyclohexane	6.753	83	83848	4.287	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60884	5.318	ug/L	100
38) Bromodichloromethane	7.097	83	72701	5.017	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	84457	4.776	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	307707	54.000	ug/L	100
42) Toluene	7.962	91	250530	5.107	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67623	4.693	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	45659	5.542	ug/L	97
47) Tetrachloroethene	8.544	164	45957	5.355	ug/L	98
48) 2-Hexanone	8.676	43	225208	55.890	ug/L	100
49) Dibromochloromethane	8.801	129	46527	4.979	ug/L	92
50) 1,2-Dibromoethane	8.917	107	42904	5.360	ug/L	99
51) Chlorobenzene	9.438	112	161740	5.217	ug/L	98
52) Ethylbenzene	9.563	91	268351	4.974	ug/L	100
53) m,p-Xylene	9.685	106	100509	4.890	ug/L	97
54) o-Xylene	10.094	106	99826	4.921	ug/L	98
55) Styrene	10.106	104	150325	4.622	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	56016	5.642	ug/L	100
59) Bromoform	10.283	173	24302	4.683	ug/L	99
60) Isopropylbenzene	10.476	105	264162	4.933	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39170	5.609	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	205091	4.704	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	197087	4.573	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	117120	5.196	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	115268	5.017	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	111274	5.245	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7070	4.822	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	78745	5.097	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	64942	5.208	ug/L	98
71) Naphthalene	14.081	128	104269	5.300	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58145	5.574	ug/L	99

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

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