Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
Data File : VU062178.D
Acq On : 09 Dec 2024 23:30
Operator : MD/SY
Sample : P5107-22MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHJ99MSD

Quant Time: Dec 10 00:38:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 10 00:32:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	101468	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	96373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19331	2.824	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.400%			
7) Chloroethane-d5	1.907	69	16466	3.382	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.600%			
11) 1,1-Dichloroethene-d2	2.557	65	9213	2.830	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.600%#			
20) 2-Butanone-d5	4.624	46	79440	60.564	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.120%			
24) Chloroform-d	5.052	84	65029	4.390	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.695	65	34623	4.753	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.717	84	101928	3.672	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.400%			
36) 1,2-Dichloropropane-d6	6.682	67	33050	4.161	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.200%			
41) Toluene-d8	7.888	98	89971	3.431	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.600%#			
43) trans-1,3-Dichloroprop...	8.174	79	14456	4.135	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.800%			
46) 2-Hexanone-d5	8.624	63	56621	53.688	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.380%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33917	5.488	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	41417	4.456	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	42507	4.472	ug/L	97
3) Chloromethane	1.515	50	31035	4.166	ug/L	99
5) Vinyl chloride	1.599	62	32473	4.186	ug/L	100
6) Bromomethane	1.853	94	21969	4.249	ug/L	99
8) Chloroethane	1.927	64	18780	4.323	ug/L	95
9) Trichlorofluoromethane	2.129	101	60318	4.480	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31552	4.306	ug/L	90
12) 1,1-Dichloroethene	2.573	96	28229	4.120	ug/L	97
13) Acetone	2.640	43	49593	55.530	ug/L	96
14) Carbon disulfide	2.785	76	79199	3.656	ug/L	98
15) Methyl Acetate	2.952	43	6736	3.009	ug/L	94
16) Methylene chloride	3.036	84	38262	5.320	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	86103	5.045	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	30063	4.271	ug/L	95
19) 1,1-Dichloroethane	3.859	63	60042	4.654	ug/L	98
21) 2-Butanone	4.705	43	70787	54.579	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	56377	7.145	ug/L	94
23) Bromochloromethane	4.965	128	16529	4.779	ug/L #	80
25) Chloroform	5.078	83	67215	4.625	ug/L	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	42631	4.616 ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	66154	4.879 ug/L	96
30) Cyclohexane	5.380	56	46903	4.266 ug/L	92
31) Carbon tetrachloride	5.515	117	56619	4.554 ug/L	99
33) Benzene	5.762	78	132601	4.440 ug/L	100
34) Trichloroethene	6.534	95	36489	4.313 ug/L	98
35) Methylcyclohexane	6.753	83	49273	3.928 ug/L	97
37) 1,2-Dichloropropane	6.782	63	32542	4.474 ug/L	98
38) Bromodichloromethane	7.097	83	47896	4.668 ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	51366	4.406 ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	180761	53.030 ug/L #	92
42) Toluene	7.962	91	145365	4.514 ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	42985	4.515 ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	27123	4.940 ug/L	98
47) Tetrachloroethene	8.544	164	28655	4.387 ug/L	95
48) 2-Hexanone	8.676	43	132862	52.742 ug/L #	92
49) Dibromochloromethane	8.801	129	33757	5.089 ug/L	98
50) 1,2-Dibromoethane	8.917	107	25544	4.842 ug/L #	99
51) Chlorobenzene	9.438	112	93264	4.520 ug/L	98
52) Ethylbenzene	9.563	91	158609	4.393 ug/L	97
53) m,p-Xylene	9.685	106	59403	4.456 ug/L	96
54) o-Xylene	10.090	106	59877	4.618 ug/L	98
55) Styrene	10.106	104	87764	4.106 ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.772	83	32800	5.133 ug/L #	98
59) Bromoform	10.283	173	20521	5.177 ug/L	96
60) Isopropylbenzene	10.476	105	163220	4.479 ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23525	5.044 ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	132940	4.311 ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	127065	4.206 ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	76125	4.548 ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	72104	4.278 ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	70366	4.549 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5713	5.615 ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	52976	4.258 ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	43410	4.419 ug/L	96
71) Naphthalene	14.080	128	66473	4.506 ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	40284	4.650 ug/L	99

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

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