Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
Data File : VU062120.D
Acq On : 06 Dec 2024 00:05
Operator : MD/SY
Sample : P5104-22MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHJ96MSD

Quant Time: Dec 06 02:34:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	105283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20368	3.944	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.800%			
7) Chloroethane-d5	1.907	69	18043	3.949	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.000%			
11) 1,1-Dichloroethene-d2	2.560	65	9925	4.810	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.200%			
20) 2-Butanone-d5	4.624	46	75367	46.474	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.940%			
24) Chloroform-d	5.052	84	63709	5.057	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.692	65	33167	5.115	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	5.718	84	102846	5.191	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.800%			
36) 1,2-Dichloropropane-d6	6.679	67	34835	5.175	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.888	98	88828	5.376	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.600%			
43) trans-1,3-Dichloroprop...	8.171	79	14256	5.720	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 114.400%			
46) 2-Hexanone-d5	8.624	63	53209	46.776	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.560%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32085	4.770	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	41343	5.250	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	45816	4.974	ug/L	97
3) Chloromethane	1.515	50	36253	3.818	ug/L	98
5) Vinyl chloride	1.599	62	37724	3.867	ug/L	100
6) Bromomethane	1.853	94	24783	4.268	ug/L	99
8) Chloroethane	1.930	64	20729	3.296	ug/L	99
9) Trichlorofluoromethane	2.132	101	65099	5.276	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35246	4.642	ug/L	93
12) 1,1-Dichloroethene	2.573	96	31808	4.505	ug/L	96
13) Acetone	2.644	43	48179	43.029	ug/L	91
14) Carbon disulfide	2.785	76	92090	4.100	ug/L	99
15) Methyl Acetate	2.952	43	9376	3.261	ug/L #	89
16) Methylene chloride	3.036	84	35976	4.243	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	83176	4.596	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	34434	4.614	ug/L	94
19) 1,1-Dichloroethane	3.856	63	63755	4.385	ug/L	98
21) 2-Butanone	4.705	43	73603	40.673	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	39511	4.704	ug/L	94
23) Bromochloromethane	4.965	128	17577	4.814	ug/L #	87
25) Chloroform	5.078	83	72187	4.750	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46110	4.716	ug/L		99
29) 1,1,1-Trichloroethane	5.306	97	67386	5.749	ug/L		94
30) Cyclohexane	5.377	56	53329	4.350	ug/L		96
31) Carbon tetrachloride	5.515	117	59415	5.970	ug/L		99
33) Benzene	5.763	78	145439	4.736	ug/L		100
34) Trichloroethene	6.531	95	39992	4.879	ug/L		98
35) Methylcyclohexane	6.753	83	55276	4.409	ug/L		96
37) 1,2-Dichloropropane	6.779	63	37275	4.672	ug/L		100
38) Bromodichloromethane	7.097	83	51107	5.282	ug/L		99
39) cis-1,3-Dichloropropene	7.598	75	56676	5.066	ug/L		98
40) 4-Methyl-2-pentanone	7.782	43	185359	43.060	ug/L	#	93
42) Toluene	7.959	91	160380	4.977	ug/L		98
44) trans-1,3-Dichloropropene	8.200	75	47640	5.363	ug/L		99
45) 1,1,2-Trichloroethane	8.389	97	28484	4.846	ug/L		98
47) Tetrachloroethene	8.544	164	30380	5.097	ug/L		97
48) 2-Hexanone	8.676	43	132914	41.228	ug/L	#	94
49) Dibromochloromethane	8.798	129	33383	5.377	ug/L		97
50) 1,2-Dibromoethane	8.914	107	27569	4.726	ug/L	#	99
51) Chlorobenzene	9.438	112	102692	4.653	ug/L		97
52) Ethylbenzene	9.560	91	177229	4.596	ug/L		99
53) m,p-Xylene	9.685	106	65805	4.836	ug/L		96
54) o-Xylene	10.090	106	64677	4.709	ug/L		98
55) Styrene	10.106	104	100593	4.445	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33984	4.512	ug/L		94
59) Bromoform	10.280	173	19162	4.840	ug/L	#	98
60) Isopropylbenzene	10.473	105	177910	4.284	ug/L		99
61) 1,2,3-Trichloropropane	10.811	75	23664	3.843	ug/L		98
62) 1,3,5-Trimethylbenzene	11.077	105	147881	4.464	ug/L		99
63) 1,2,4-Trimethylbenzene	11.457	105	146709	4.442	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	79850	4.331	ug/L		99
65) 1,4-Dichlorobenzene	11.827	146	80923	4.535	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	76327	4.760	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5323	5.065	ug/L		97
69) 1,3,5-Trichlorobenzene	13.209	180	57090	5.204	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	46684	5.553	ug/L		99
71) Naphthalene	14.081	128	67172	4.957	ug/L		100
72) 1,2,3-Trichlorobenzene	14.318	180	39853	5.504	ug/L		97

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

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