Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
Data File : VU062144.D
Acq On : 06 Dec 2024 19:21
Operator : MD/SY
Sample : P5109-05MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHJA2MSD

Quant Time: Dec 06 23:17:34 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	110480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	52737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17620	3.251	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.000%			
7) Chloroethane-d5	1.907	69	15519	3.237	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 64.800%#			
11) 1,1-Dichloroethene-d2	2.560	65	8366	3.864	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.200%			
20) 2-Butanone-d5	4.624	46	66711	39.201	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.400%			
24) Chloroform-d	5.052	84	59030	4.465	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.692	65	29338	4.312	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
32) Benzene-d6	5.718	84	92563	4.643	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	6.679	67	30640	4.523	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.400%			
41) Toluene-d8	7.888	98	81236	4.885	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	8.171	79	12719	5.071	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.400%			
46) 2-Hexanone-d5	8.624	63	45528	39.771	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.540%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28385	4.193	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.800%			
66) 1,2-Dichlorobenzene-d4	12.184	152	38010	4.874	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	45085	4.664	ug/L	99
3) Chloromethane	1.515	50	34907	3.504	ug/L	99
5) Vinyl chloride	1.599	62	36830	3.598	ug/L	97
6) Bromomethane	1.853	94	24345	3.995	ug/L	96
8) Chloroethane	1.930	64	20389	3.089	ug/L	97
9) Trichlorofluoromethane	2.132	101	64094	4.950	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33999	4.267	ug/L	92
12) 1,1-Dichloroethene	2.573	96	31893	4.305	ug/L	93
13) Acetone	2.640	43	47382	40.327	ug/L	99
14) Carbon disulfide	2.785	76	89912	3.815	ug/L	100
15) Methyl Acetate	2.952	43	8630	2.860	ug/L #	87
16) Methylene chloride	3.036	84	35259	3.963	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	84820	4.467	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	33767	4.311	ug/L	90
19) 1,1-Dichloroethane	3.859	63	63247	4.145	ug/L	98
21) 2-Butanone	4.702	43	70770	37.268	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	39552	4.487	ug/L	94
23) Bromochloromethane	4.965	128	17604	4.594	ug/L	85
25) Chloroform	5.074	83	71927	4.510	ug/L	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46527	4.535 ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	67290	5.705 ug/L	95
30) Cyclohexane	5.377	56	51071	4.140 ug/L	93
31) Carbon tetrachloride	5.512	117	59540	5.945 ug/L	99
33) Benzene	5.763	78	143106	4.631 ug/L	100
34) Trichloroethene	6.534	95	39876	4.835 ug/L	97
35) Methylcyclohexane	6.753	83	54008	4.281 ug/L	97
37) 1,2-Dichloropropane	6.782	63	36360	4.529 ug/L	99
38) Bromodichloromethane	7.094	83	50610	5.197 ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	55780	4.955 ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	178222	41.139 ug/L #	93
42) Toluene	7.959	91	157137	4.845 ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	46019	5.147 ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	27887	4.715 ug/L	99
47) Tetrachloroethene	8.544	164	30311	5.053 ug/L	96
48) 2-Hexanone	8.676	43	131666	40.583 ug/L #	94
49) Dibromochloromethane	8.798	129	33920	5.428 ug/L	96
50) 1,2-Dibromoethane	8.914	107	26502	4.514 ug/L #	98
51) Chlorobenzene	9.438	112	101516	4.570 ug/L	97
52) Ethylbenzene	9.560	91	174982	4.509 ug/L	99
53) m,p-Xylene	9.685	106	65554	4.787 ug/L	99
54) o-Xylene	10.090	106	63282	4.578 ug/L	99
55) Styrene	10.106	104	100051	4.393 ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	32466	4.283 ug/L	96
59) Bromoform	10.280	173	20022	5.107 ug/L	97
60) Isopropylbenzene	10.476	105	175349	4.264 ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23050	3.781 ug/L	97
62) 1,3,5-Trimethylbenzene	11.077	105	146598	4.469 ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	140747	4.304 ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	80645	4.418 ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	79128	4.479 ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	74460	4.690 ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	5209	5.006 ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	55487	5.108 ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	44427	5.337 ug/L	98
71) Naphthalene	14.081	128	65703	4.897 ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	38791	5.410 ug/L	98

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

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