Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
Data File : VU061257.D
Acq On : 26 Oct 2024 04:27
Operator : MD/SY
Sample : P4560-12MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCNY7MSD

Quant Time: Oct 26 05:09:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 26 01:22:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	183505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	166102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48437	3.886	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.800%			
7) Chloroethane-d5	1.910	69	43348	3.793	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.800%			
11) 1,1-Dichloroethene-d2	2.560	65	22253	4.172	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	4.631	46	124200	49.074	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.140%			
24) Chloroform-d	5.052	84	113310	4.789	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.692	65	56831	4.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.717	84	224011	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	6.682	67	66860	4.752	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.891	98	206874	4.727	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
43) trans-1,3-Dichloroprop...	8.174	79	25706	4.475	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.600%			
46) 2-Hexanone-d5	8.624	63	114750	48.778	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.560%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53117	4.992	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	70017	4.957	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	62350	5.097	ug/L	98
3) Chloromethane	1.515	50	61057	4.733	ug/L	100
5) Vinyl chloride	1.599	62	69584	4.906	ug/L	98
6) Bromomethane	1.853	94	47191	5.021	ug/L	100
8) Chloroethane	1.930	64	48353	4.630	ug/L	97
9) Trichlorofluoromethane	2.132	101	100023	5.192	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	56604	4.948	ug/L	97
12) 1,1-Dichloroethene	2.573	96	54622	5.035	ug/L	96
13) Acetone	2.647	43	82040	51.179	ug/L	98
14) Carbon disulfide	2.788	76	174084	4.809	ug/L	100
15) Methyl Acetate	2.955	43	19289	4.859	ug/L	98
16) Methylene chloride	3.039	84	64705	5.061	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	163495	5.560	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	61588	5.134	ug/L	99
19) 1,1-Dichloroethane	3.859	63	117166	5.178	ug/L	99
21) 2-Butanone	4.708	43	135457	53.304	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	72983	5.326	ug/L	98
23) Bromochloromethane	4.965	128	31876	5.528	ug/L	93
25) Chloroform	5.078	83	124572	5.236	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	79568	5.292	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	106761	5.249	ug/L		99
30) Cyclohexane	5.380	56	103678	5.082	ug/L		99
31) Carbon tetrachloride	5.515	117	90077	5.176	ug/L		99
33) Benzene	5.766	78	270545	5.267	ug/L		100
34) Trichloroethene	6.534	95	71138	5.091	ug/L		98
35) Methylcyclohexane	6.756	83	109748	4.934	ug/L		99
37) 1,2-Dichloropropane	6.782	63	70226	5.393	ug/L		100
38) Bromodichloromethane	7.097	83	86434	5.245	ug/L		100
39) cis-1,3-Dichloropropene	7.598	75	101923	5.068	ug/L		97
40) 4-Methyl-2-pentanone	7.782	43	353178	54.499	ug/L		99
42) Toluene	7.962	91	291773	5.230	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	80584	4.918	ug/L		100
45) 1,1,2-Trichloroethane	8.389	97	51772	5.525	ug/L		97
47) Tetrachloroethene	8.544	164	50989	5.224	ug/L		99
48) 2-Hexanone	8.675	43	254569	55.551	ug/L		100
49) Dibromochloromethane	8.801	129	54173	5.097	ug/L		95
50) 1,2-Dibromoethane	8.917	107	49238	5.409	ug/L		98
51) Chlorobenzene	9.438	112	186010	5.275	ug/L		99
52) Ethylbenzene	9.563	91	320153	5.217	ug/L		100
53) m,p-Xylene	9.685	106	123259	5.273	ug/L		93
54) o-Xylene	10.090	106	120517	5.224	ug/L		98
55) Styrene	10.106	104	188655	5.101	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.772	83	61864	5.479	ug/L		100
59) Bromoform	10.283	173	30375	5.144	ug/L		97
60) Isopropylbenzene	10.476	105	315372	5.176	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	43199	5.437	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	253381	5.108	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	250686	5.112	ug/L		99
64) 1,3-Dichlorobenzene	11.736	146	135876	5.298	ug/L		98
65) 1,4-Dichlorobenzene	11.830	146	134115	5.130	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	126580	5.244	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8897	5.333	ug/L	#	80
69) 1,3,5-Trichlorobenzene	13.212	180	90213	5.132	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	74862	5.277	ug/L		98
71) Naphthalene	14.080	128	123201	5.503	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	65738	5.539	ug/L		99

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

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