Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
Data File : VU061233.D
Acq On : 25 Oct 2024 17:36
Operator : MD/SY
Sample : P4533-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCNW3MSD

Quant Time: Oct 26 00:34:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 26 00:29:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	176466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47929	3.570	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.400%			
7) Chloroethane-d5	1.907	69	49711	4.039	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.800%			
11) 1,1-Dichloroethene-d2	2.560	65	21829	3.800	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.000%			
20) 2-Butanone-d5	4.621	46	122246	44.844	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.680%			
24) Chloroform-d	5.052	84	107508	4.218	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	5.692	65	53345	4.199	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
32) Benzene-d6	5.718	84	211159	4.247	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.000%			
36) 1,2-Dichloropropane-d6	6.682	67	64884	4.340	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.800%			
41) Toluene-d8	7.891	98	196962	4.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	8.174	79	25437	4.168	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.400%			
46) 2-Hexanone-d5	8.624	63	111094	44.450	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.900%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50889	4.502	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	66654	4.451	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	61933	4.700	ug/L	99
3) Chloromethane	1.515	50	61029	4.392	ug/L	99
5) Vinyl chloride	1.599	62	69862	4.573	ug/L	99
6) Bromomethane	1.853	94	51456	5.083	ug/L	97
8) Chloroethane	1.930	64	53346	4.743	ug/L	98
9) Trichlorofluoromethane	2.133	101	99808	4.810	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57736	4.686	ug/L	98
12) 1,1-Dichloroethene	2.573	96	54883	4.697	ug/L	92
13) Acetone	2.637	43	83659	48.454	ug/L	96
14) Carbon disulfide	2.785	76	176475	4.526	ug/L	99
15) Methyl Acetate	2.952	43	22280	5.211	ug/L	92
16) Methylene chloride	3.036	84	64591	4.691	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	163881	5.174	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	62231	4.816	ug/L	99
19) 1,1-Dichloroethane	3.859	63	119868	4.918	ug/L	98
21) 2-Butanone	4.702	43	142761	52.157	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	73833	5.002	ug/L	99
23) Bromochloromethane	4.965	128	32829	5.286	ug/L	96
25) Chloroform	5.078	83	124785	4.870	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	77696	4.798	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	108846	5.037	ug/L	99
30) Cyclohexane	5.377	56	104276	4.811	ug/L	97
31) Carbon tetrachloride	5.515	117	91383	4.942	ug/L	96
33) Benzene	5.766	78	272395	4.991	ug/L	100
34) Trichloroethene	6.534	95	72817	4.905	ug/L	99
35) Methylcyclohexane	6.753	83	113066	4.785	ug/L	98
37) 1,2-Dichloropropane	6.782	63	69647	5.035	ug/L	99
38) Bromodichloromethane	7.097	83	87835	5.017	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	105169	4.922	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	360360	52.341	ug/L	100
42) Toluene	7.962	91	296140	4.997	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85051	4.886	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	50942	5.117	ug/L	98
47) Tetrachloroethene	8.544	164	51476	4.965	ug/L	99
48) 2-Hexanone	8.676	43	260339	53.474	ug/L	99
49) Dibromochloromethane	8.801	129	55586	4.923	ug/L	96
50) 1,2-Dibromoethane	8.917	107	49255	5.093	ug/L	96
51) Chlorobenzene	9.438	112	186124	4.969	ug/L	99
52) Ethylbenzene	9.563	91	321501	4.932	ug/L	99
53) m,p-Xylene	9.685	106	124263	5.003	ug/L	95
54) o-Xylene	10.094	106	120658	4.923	ug/L	99
55) Styrene	10.106	104	170060	4.328	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61749	5.148	ug/L	100
59) Bromoform	10.283	173	30565	4.882	ug/L	100
60) Isopropylbenzene	10.476	105	317621	4.916	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42600	5.057	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	257645	4.899	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	252136	4.850	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	135033	4.966	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	136297	4.917	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	127638	4.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8385	4.740	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	93663	5.025	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	77279	5.138	ug/L	99
71) Naphthalene	14.081	128	129425	5.453	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	66190	5.260	ug/L	97

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

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