Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
Data File : VV038010.D
Acq On : 11 Nov 2024 20:54
Operator : SY/MD
Sample : P4749-09MS
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCP83MS

Quant Time: Nov 12 04:44:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 12 04:39:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	269541	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	287245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	158618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	78919	3.825	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.600%			
7) Chloroethane-d5	1.529	69	64773	3.852	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.000%			
11) 1,1-Dichloroethene-d2	2.053	65	35192	3.931	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.600%			
20) 2-Butanone-d5	3.812	46	201539	52.412	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.820%			
24) Chloroform-d	4.243	84	173354	4.610	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
26) 1,2-Dichloroethane-d4	4.940	65	81547	4.852	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.000%			
32) Benzene-d6	4.953	84	316890	4.278	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
36) 1,2-Dichloropropane-d6	5.985	67	94233	4.356	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.200%			
41) Toluene-d8	7.236	98	309439	4.648	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	7.551	79	35544	4.249	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.024	63	175893	54.111	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.220%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89656	5.141	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.800%			
66) 1,2-Dichlorobenzene-d4	11.554	152	117254	4.482	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	131927	4.903	ug/L	99
3) Chloromethane	1.214	50	128006	5.056	ug/L	99
5) Vinyl chloride	1.281	62	131338	5.213	ug/L	98
6) Bromomethane	1.487	94	72381	5.078	ug/L	97
8) Chloroethane	1.548	64	82142	5.480	ug/L	96
9) Trichlorofluoromethane	1.709	101	183829	5.252	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	101408	5.062	ug/L	97
12) 1,1-Dichloroethene	2.066	96	98528	5.352	ug/L	86
13) Acetone	2.146	43	201315	73.753	ug/L	96
14) Carbon disulfide	2.236	76	300323	4.808	ug/L	98
15) Methyl Acetate	2.387	43	37310	5.775	ug/L	96
16) Methylene chloride	2.442	84	115578	5.377	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	241130	5.857	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	107091	5.385	ug/L	96
19) 1,1-Dichloroethane	3.104	63	196403	5.436	ug/L	98
21) 2-Butanone	3.889	43	260190	64.139	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	176022	8.400	ug/L	99
23) Bromochloromethane	4.143	128	54519	5.762	ug/L	92
25) Chloroform	4.268	83	244915	6.453	ug/L	99

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27) 1,2-Dichloroethane	5.037	62	127162	6.047	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	180659	5.261	ug/L	99
30) Cyclohexane	4.574	56	145705	4.782	ug/L	99
31) Carbon tetrachloride	4.725	117	153141	5.082	ug/L	100
33) Benzene	5.001	78	431850	5.471	ug/L	100
34) Trichloroethene	5.828	95	130769	5.983	ug/L	97
35) Methylcyclohexane	6.040	83	149941	4.602	ug/L	99
37) 1,2-Dichloropropane	6.085	63	106875	5.417	ug/L	99
38) Bromodichloromethane	6.426	83	137393	5.249	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	139685	4.901	ug/L	98
40) 4-Methyl-2-pentanone	7.152	43	661845	66.665	ug/L	99
42) Toluene	7.310	91	466955	5.591	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	124961	5.317	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	90602	6.067	ug/L	98
47) Tetrachloroethene	7.898	164	89545	5.270	ug/L	97
48) 2-Hexanone	8.072	43	476768	67.890	ug/L	99
49) Dibromochloromethane	8.169	129	88363	5.176	ug/L	96
50) 1,2-Dibromoethane	8.278	107	83912	6.021	ug/L	97
51) Chlorobenzene	8.808	112	302920	5.303	ug/L	98
52) Ethylbenzene	8.940	91	475924	5.291	ug/L	100
53) m,p-Xylene	9.066	106	185807	5.414	ug/L	96
54) o-Xylene	9.471	106	185224	5.671	ug/L	98
55) Styrene	9.490	104	315531	5.610	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	111344	6.423	ug/L	97
59) Bromoform	9.660	173	44760	4.843	ug/L	100
60) Isopropylbenzene	9.860	105	480265	5.196	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	75255	6.067	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	363618	5.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	368332	5.137	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	243880	5.211	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	257722	5.333	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	233407	5.393	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15827	5.878	ug/L	90
69) 1,3,5-Trichlorobenzene	12.577	180	163944	4.963	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	139725	5.387	ug/L	99
71) Naphthalene	13.435	128	211794	5.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	128458	5.745	ug/L	99

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

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