Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
Data File : VV023260.D
Acq On : 06 Nov 2021 02:31
Operator : SY/MD
Sample : M4534-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB858MS

Quant Time: Nov 09 04:34:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 09 03:48:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38281	4.304	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.000%			
7) Chloroethane-d5	1.568	69	33812	4.664	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.200%			
11) 1,1-Dichloroethene-d2	2.111	63	77194	4.636	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.800%			
20) 2-Butanone-d5	3.892	46	97517	63.635	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.280%			
24) Chloroform-d	4.352	84	91527	4.828	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	5.037	65	42885	5.031	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.053	84	173610	4.811	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.072	67	51414	4.840	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.800%			
41) Toluene-d8	7.317	98	163012	4.820	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
43) trans-1,3-Dichloroprop...	7.625	79	18931	4.700	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.088	63	75768	51.122	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.240%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38536	5.044	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	62114	4.730	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	66480	4.802	ug/L	98
3) Chloromethane	1.243	50	61481	5.223	ug/L	94
5) Vinyl chloride	1.314	62	59766	5.084	ug/L	98
6) Bromomethane	1.523	94	30959	4.120	ug/L	98
8) Chloroethane	1.587	64	35964	5.301	ug/L	100
9) Trichlorofluoromethane	1.754	101	89213	5.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45930	5.165	ug/L	98
12) 1,1-Dichloroethene	2.121	96	42738	5.048	ug/L	91
13) Acetone	2.182	43	61405	65.578	ug/L	89
14) Carbon disulfide	2.298	76	152382	4.769	ug/L	99
15) Methyl Acetate	2.439	43	14169	5.347	ug/L	96
16) Methylene chloride	2.510	84	50654	4.099	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	92570	4.967	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	51011	4.901	ug/L	95
19) 1,1-Dichloroethane	3.191	63	89838	5.112	ug/L	98
21) 2-Butanone	3.973	43	95937	63.372	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	51323	5.124	ug/L #	94
23) Bromochloromethane	4.252	128	23906	5.175	ug/L #	84
25) Chloroform	4.378	83	92558	4.941	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	49906	5.009	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	83923	4.913	ug/L	98
30) Cyclohexane	4.680	56	75029	4.902	ug/L	98
31) Carbon tetrachloride	4.831	117	76367	4.978	ug/L	95
33) Benzene	5.101	78	205070	5.216	ug/L	100
34) Trichloroethene	5.918	95	52517	5.023	ug/L	98
35) Methylcyclohexane	6.133	83	79957	4.846	ug/L	97
37) 1,2-Dichloropropane	6.175	63	48538	5.289	ug/L	98
38) Bromodichloromethane	6.510	83	62735	5.101	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	63858	4.838	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	239138	56.181	ug/L	98
42) Toluene	7.387	91	223169	5.307	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	55340	5.053	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	33375	5.061	ug/L	98
47) Tetrachloroethene	7.976	164	46116	5.090	ug/L	99
48) 2-Hexanone	8.140	43	175176	58.732	ug/L	98
49) Dibromochloromethane	8.246	129	42287	5.061	ug/L	100
50) 1,2-Dibromoethane	8.355	107	31312	5.124	ug/L	99
51) Chlorobenzene	8.882	112	140983	5.044	ug/L	99
52) Ethylbenzene	9.014	91	224251	5.057	ug/L	97
53) m,p-xylene	9.140	106	89658	5.151	ug/L	96
54) o-xylene	9.545	106	83696	5.126	ug/L	100
55) Styrene	9.561	104	146522	5.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	38464	5.324	ug/L	99
59) Bromoform	9.731	173	23545	4.998	ug/L	98
60) Isopropylbenzene	9.934	105	227589	5.028	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26517	5.061	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	182630	4.866	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	187595	5.022	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	116157	5.023	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	117159	4.961	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	105019	5.075	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5668	5.078	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	85385	4.716	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67793	4.675	ug/L	98
71) Naphthalene	13.503	128	95883	4.485	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60107	4.738	ug/L	100

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

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