Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121121\
Data File : VV023937.D
Acq On : 11 Dec 2021 17:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005391

Quant Time: Dec 12 00:28:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	106885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22137	4.059	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.200%			
7) Chloroethane-d5	1.568	69	20590	4.525	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.600%			
11) 1,1-Dichloroethene-d2	2.111	63	47896	4.500	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.000%			
20) 2-Butanone-d5	3.905	46	65547	61.523	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.040%			
24) Chloroform-d	4.352	84	61915	5.012	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.037	65	30198	5.251	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.000%			
32) Benzene-d6	5.053	84	96105	4.540	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	6.072	67	30642	4.798	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.000%			
41) Toluene-d8	7.317	98	87111	4.571	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
43) trans-1,3-Dichloroprop...	7.625	79	13905	5.248	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.000%			
46) 2-Hexanone-d5	8.091	63	76044	64.109	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.220%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31021	5.855	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	41826	4.939	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	46797	5.300	ug/L	100
3) Chloromethane	1.240	50	38065	5.046	ug/L	98
5) Vinyl chloride	1.310	62	41810	5.110	ug/L	98
6) Bromomethane	1.519	94	26295	5.057	ug/L	100
8) Chloroethane	1.584	64	26903	5.053	ug/L	96
9) Trichlorofluoromethane	1.751	101	76657	5.392	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38913	5.197	ug/L	98
12) 1,1-Dichloroethene	2.117	96	35111	5.159	ug/L	90
13) Acetone	2.188	43	39106	45.879	ug/L	76
14) Carbon disulfide	2.291	76	95923	4.859	ug/L	100
15) Methyl Acetate	2.439	43	10088	4.883	ug/L	99
16) Methylene chloride	2.507	84	43516	4.887	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	87462	5.683	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	39159	5.198	ug/L	93
19) 1,1-Dichloroethane	3.191	63	71371	5.278	ug/L	97
21) 2-Butanone	3.986	43	58743	48.234	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	42890	5.378	ug/L	96
23) Bromochloromethane	4.252	128	19917	5.496	ug/L	90
25) Chloroform	4.378	83	81876	5.447	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	5.133	62	46274	5.682	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	73388	5.248	ug/L	99
30) Cyclohexane	4.677	56	54261	4.892	ug/L	99
31) Carbon tetrachloride	4.828	117	67121	5.106	ug/L	100
33) Benzene	5.101	78	158347	5.237	ug/L	100
34) Trichloroethene	5.915	95	42937	5.034	ug/L	98
35) Methylcyclohexane	6.133	83	60933	4.854	ug/L	99
37) 1,2-Dichloropropane	6.175	63	38537	5.362	ug/L	100
38) Bromodichloromethane	6.510	83	54875	5.390	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	55449	5.197	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	214866	62.239	ug/L	98
42) Toluene	7.387	91	178722	5.252	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	50878	5.517	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	28932	5.441	ug/L	97
47) Tetrachloroethene	7.976	164	38233	5.092	ug/L	97
48) 2-Hexanone	8.143	43	159836	63.852	ug/L	98
49) Dibromochloromethane	8.246	129	39896	5.515	ug/L	98
50) 1,2-Dibromoethane	8.355	107	27383	5.547	ug/L	96
51) Chlorobenzene	8.882	112	119309	5.246	ug/L	98
52) Ethylbenzene	9.014	91	187435	5.220	ug/L	97
53) m,p-xylene	9.140	106	75363	5.307	ug/L	97
54) o-xylene	9.545	106	71900	5.236	ug/L	96
55) Styrene	9.561	104	125733	5.500	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32778	5.630	ug/L	99
59) Bromoform	9.731	173	22946	5.640	ug/L	98
60) Isopropylbenzene	9.931	105	195047	5.240	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	24112	5.583	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	160312	5.192	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	161541	5.252	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	104642	5.497	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	110183	5.763	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	109164	6.260	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5343	5.665	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	77972	4.980	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	62015	5.043	ug/L	96
71) Naphthalene	13.503	128	90390	5.114	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	58356	5.375	ug/L	98

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

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