Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022422\
Data File : VV024821.D
Acq On : 24 Feb 2022 16:08
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

Quant Time: Feb 25 03:30:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 25 03:28:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	181715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78590	5.099	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.000%			
7) Chloroethane-d5	1.568	69	65110	5.149	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.000%			
11) 1,1-Dichloroethene-d2	2.108	63	136001	4.815	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.400%			
20) 2-Butanone-d5	3.889	46	124601	56.597	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.200%			
24) Chloroform-d	4.346	84	131205	5.456	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.200%			
26) 1,2-Dichloroethane-d4	5.027	65	57002	5.317	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	5.047	84	273257	5.669	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.400%			
36) 1,2-Dichloropropane-d6	6.066	67	78820	5.556	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.200%			
41) Toluene-d8	7.313	98	244893	5.591	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.800%			
43) trans-1,3-Dichloroprop...	7.619	79	27040	5.722	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 114.400%			
46) 2-Hexanone-d5	8.085	63	97695	52.537	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.080%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46746	5.468	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	71890	5.386	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	82629	4.663	ug/L	99
3) Chloromethane	1.243	50	82166	4.642	ug/L	99
5) Vinyl chloride	1.310	62	89006	4.581	ug/L	99
6) Bromomethane	1.523	94	48322	4.163	ug/L	100
8) Chloroethane	1.584	64	55673	4.652	ug/L	98
9) Trichlorofluoromethane	1.754	101	118801	4.657	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	66300	4.476	ug/L	99
12) 1,1-Dichloroethene	2.117	96	65864	4.654	ug/L	94
13) Acetone	2.182	43	73893	47.595	ug/L	92
14) Carbon disulfide	2.294	76	187744	4.727	ug/L	100
15) Methyl Acetate	2.436	43	20022	4.926	ug/L	97
16) Methylene chloride	2.506	84	70887	5.087	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	142960	5.139	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	70840	5.126	ug/L	100
19) 1,1-Dichloroethane	3.188	63	132760	5.246	ug/L	99
21) 2-Butanone	3.969	43	126090	52.555	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	78011	5.340	ug/L	92
23) Bromochloromethane	4.246	128	29882	5.292	ug/L	89
25) Chloroform	4.371	83	133657	5.056	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68511	4.855	ug/L		99
29) 1,1,1-Trichloroethane	4.603	97	115748	5.161	ug/L		98
30) Cyclohexane	4.670	56	111258	4.891	ug/L		98
31) Carbon tetrachloride	4.825	117	95112	5.045	ug/L		99
33) Benzene	5.095	78	296346	5.238	ug/L		100
34) Trichloroethene	5.911	95	77450	5.168	ug/L		96
35) Methylcyclohexane	6.127	83	115376	4.765	ug/L		99
37) 1,2-Dichloropropane	6.169	63	71884	5.378	ug/L		100
38) Bromodichloromethane	6.506	83	87523	5.202	ug/L		100
39) cis-1,3-Dichloropropene	7.024	75	95831	5.169	ug/L		100
40) 4-Methyl-2-pentanone	7.223	43	326602	51.368	ug/L		98
42) Toluene	7.384	91	307974	5.113	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	74454	5.026	ug/L		96
45) 1,1,2-Trichloroethane	7.837	97	46003	5.290	ug/L		99
47) Tetrachloroethene	7.972	164	49240	4.825	ug/L		98
48) 2-Hexanone	8.136	43	227178	50.818	ug/L		96
49) Dibromochloromethane	8.243	129	48527	5.029	ug/L		97
50) 1,2-Dibromoethane	8.352	107	41221	5.195	ug/L		99
51) Chlorobenzene	8.879	112	189720	5.035	ug/L		98
52) Ethylbenzene	9.008	91	332368	5.056	ug/L		99
53) m,p-xylene	9.136	106	126265	5.081	ug/L		98
54) o-xylene	9.542	106	125593	5.172	ug/L		98
55) Styrene	9.558	104	205376	5.199	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.239	83	47392	5.153	ug/L		98
59) Bromoform	9.728	173	19763	5.061	ug/L	#	94
60) Isopropylbenzene	9.927	105	331198	5.190	ug/L		100
61) 1,2,3-Trichloropropane	10.271	75	36471	5.217	ug/L		99
62) 1,3,5-Trimethylbenzene	10.535	105	276412	5.196	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	275767	5.223	ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	137001	5.091	ug/L		97
65) 1,4-Dichlorobenzene	11.271	146	135395	5.037	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	123312	5.194	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6237	5.218	ug/L		90
69) 1,3,5-Trichlorobenzene	12.641	180	95589	5.009	ug/L		99
70) 1,2,4-trichlorobenzene	13.258	180	74982	4.987	ug/L		100
71) Naphthalene	13.500	128	128602	5.030	ug/L		100
72) 1,2,3-Trichlorobenzene	13.741	180	64007	5.087	ug/L		100

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

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