Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
Data File : VV021374.D
Acq On : 21 May 2021 21:26
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005171

Quant Time: May 22 01:41:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	271392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	252971	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142385	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80409	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.564	69	67154	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.108	63	134099	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	3.911	46	274966	58.12	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.24%			
24) Chloroform-d	4.352	84	174918	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.037	65	85289	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.053	84	348835	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.072	67	110339	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.316	98	329115	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloroprop...	7.625	79	45016	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.091	63	201074	57.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.36%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	75492	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
66) 1,2-Dichlorobenzene-d4	11.625	152	139254	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	99176	4.86	ug/L	99
3) Chloromethane	1.240	50	87453	4.71	ug/L	100
5) Vinyl chloride	1.307	62	92381	4.94	ug/L	99
6) Bromomethane	1.519	94	59662	4.83	ug/L	96
8) Chloroethane	1.584	64	53499	4.82	ug/L	94
9) Trichlorofluoromethane	1.751	101	132565	4.86	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	73953	4.76	ug/L	93
12) 1,1-Dichloroethene	2.114	96	71961	4.80	ug/L	87
13) Acetone	2.204	43	133881	52.30	ug/L	98
14) Carbon disulfide	2.291	76	248555	4.73	ug/L	100
15) Methyl Acetate	2.445	43	34368	5.77	ug/L	99
16) Methylene chloride	2.506	84	89521	4.19	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	221072	5.12	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	88978	4.85	ug/L	99
19) 1,1-Dichloroethane	3.191	63	158891	4.93	ug/L	99
21) 2-Butanone	3.992	43	242813	53.35	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	98479	4.91	ug/L	98
23) Bromochloromethane	4.252	128	45437	5.07	ug/L	99
25) Chloroform	4.381	83	163586	4.82	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.136	62	91840	4.92	ug/L		98
29) 1,1,1-Trichloroethane	4.609	97	149065	4.80	ug/L		97
30) Cyclohexane	4.677	56	148854	4.87	ug/L		97
31) Carbon tetrachloride	4.831	117	135949	4.90	ug/L		99
33) Benzene	5.101	78	352088	4.93	ug/L		100
34) Trichloroethene	5.918	95	103092	4.78	ug/L		95
35) Methylcyclohexane	6.133	83	153354	4.69	ug/L		99
37) 1,2-Dichloropropane	6.178	63	88713	5.04	ug/L		100
38) Bromodichloromethane	6.513	83	120830	5.03	ug/L		98
39) cis-1,3-Dichloropropene	7.030	75	138213	4.90	ug/L		99
40) 4-Methyl-2-pentanone	7.230	43	608960	54.98	ug/L		98
42) Toluene	7.390	91	390900	4.89	ug/L		100
44) trans-1,3-Dichloropropene	7.654	75	115277	4.84	ug/L		99
45) 1,1,2-Trichloroethane	7.841	97	67404	5.15	ug/L		98
47) Tetrachloroethene	7.976	164	85119	4.83	ug/L		97
48) 2-Hexanone	8.143	43	443117	55.19	ug/L		98
49) Dibromochloromethane	8.249	129	89621	5.09	ug/L		100
50) 1,2-Dibromoethane	8.355	107	64342	5.10	ug/L	#	99
51) Chlorobenzene	8.882	112	254630	4.83	ug/L		99
52) Ethylbenzene	9.014	91	435474	4.90	ug/L		99
53) m,p-xylene	9.140	106	166885	4.89	ug/L		99
54) o-xylene	9.545	106	164448	4.93	ug/L		100
55) Styrene	9.561	104	279594	5.00	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.242	83	62745	5.31	ug/L		99
59) Bromoform	9.734	173	55920	5.22	ug/L		99
60) Isopropylbenzene	9.931	105	450872	4.92	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	57274	5.42	ug/L		98
62) 1,3,5-Trimethylbenzene	10.538	105	380302	4.86	ug/L		99
63) 1,2,4-Trimethylbenzene	10.914	105	395209	4.93	ug/L		100
64) 1,3-Dichlorobenzene	11.181	146	218552	4.96	ug/L		99
65) 1,4-Dichlorobenzene	11.271	146	216890	4.92	ug/L		98
67) 1,2-Dichlorobenzene	11.641	146	204365	5.02	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.429	75	11401	5.40	ug/L		89
69) 1,3,5-Trichlorobenzene	12.644	180	183373	4.81	ug/L		99
70) 1,2,4-trichlorobenzene	13.258	180	153488	5.13	ug/L		98
71) Naphthalene	13.500	128	233759	5.73	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	138326	5.25	ug/L		99

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

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