Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042122\
Data File : VV025659.D
Acq On : 21 Apr 2022 10:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

Quant Time: Apr 22 03:03:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 21 06:38:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	197649	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	64433	3.506	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.200%			
7) Chloroethane-d5	1.571	69	83290	4.261	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	2.111	63	145462	3.952	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
20) 2-Butanone-d5	3.883	46	124760	55.816	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.640%			
24) Chloroform-d	4.346	84	127375	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	5.027	65	57858	4.836	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
32) Benzene-d6	5.047	84	242604	4.256	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
36) 1,2-Dichloropropane-d6	6.066	67	73987	4.654	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.310	98	226469	4.281	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
43) trans-1,3-Dichloroprop...	7.619	79	24084	4.507	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.200%			
46) 2-Hexanone-d5	8.085	63	92229	49.178	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.360%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45499	4.530	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	75363	4.285	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.133	85	74186	4.155	ug/L	98
3) Chloromethane	1.243	50	93000	4.794	ug/L	98
5) Vinyl chloride	1.314	62	101938	4.650	ug/L	98
6) Bromomethane	1.526	94	62970	3.983	ug/L	100
8) Chloroethane	1.587	64	91566	5.411	ug/L	97
9) Trichlorofluoromethane	1.754	101	150538	4.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	82778	4.785	ug/L	97
12) 1,1-Dichloroethene	2.117	96	76204	4.445	ug/L	89
13) Acetone	2.178	43	85086	56.084	ug/L	96
14) Carbon disulfide	2.294	76	165233	4.027	ug/L	98
15) Methyl Acetate	2.436	43	18434	5.467	ug/L #	88
16) Methylene chloride	2.506	84	68719	4.135	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	123899	4.671	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	65035	4.527	ug/L	98
19) 1,1-Dichloroethane	3.188	63	124259	5.107	ug/L	98
21) 2-Butanone	3.966	43	118706	56.625	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	71310	4.715	ug/L	99
23) Bromochloromethane	4.249	128	29712	4.732	ug/L	95
25) Chloroform	4.371	83	132543	5.161	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69476	5.127	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	114593	4.932	ug/L	99
30) Cyclohexane	4.677	56	91731	4.342	ug/L	97
31) Carbon tetrachloride	4.825	117	97190	4.946	ug/L	99
33) Benzene	5.095	78	280164	4.814	ug/L	100
34) Trichloroethene	5.911	95	72209	4.673	ug/L	98
35) Methylcyclohexane	6.127	83	105234	4.268	ug/L	96
37) 1,2-Dichloropropane	6.169	63	69101	5.132	ug/L	100
38) Bromodichloromethane	6.506	83	85743	5.130	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	85068	4.821	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	302915	56.190	ug/L	95
42) Toluene	7.384	91	303458	4.793	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	68764	5.016	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	44706	4.958	ug/L	95
47) Tetrachloroethene	7.972	164	54075	4.470	ug/L	98
48) 2-Hexanone	8.136	43	218244	58.091	ug/L	96
49) Dibromochloromethane	8.243	129	51383	5.191	ug/L	99
50) 1,2-Dibromoethane	8.349	107	38356	4.529	ug/L	99
51) Chlorobenzene	8.879	112	188150	4.654	ug/L	97
52) Ethylbenzene	9.008	91	313197	4.639	ug/L	99
53) m,p-Xylene	9.136	106	124194	4.838	ug/L	98
54) o-Xylene	9.541	106	117815	4.725	ug/L	96
55) Styrene	9.558	104	202185	4.987	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42953	4.768	ug/L	99
59) Bromoform	9.728	173	21839	5.044	ug/L	97
60) Isopropylbenzene	9.927	105	317406	4.889	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35369	5.120	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	134036	4.630	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	251628	4.824	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	144838	4.779	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	143229	4.656	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	126313	4.706	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5762	4.824	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	101500	4.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	74033	4.165	ug/L	100
71) Naphthalene	13.500	128	108555	4.163	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	64438	4.378	ug/L	95

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

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