Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
Data File : VV026842.D
Acq On : 20 Jul 2022 09:33
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

Quant Time: Jul 21 01:44:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 20 05:46:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	231608	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	131029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	100022	4.734	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.600%			
7) Chloroethane-d5	1.561	69	88278	4.835	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.800%			
11) 1,1-Dichloroethene-d2	2.102	63	188870	4.656	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.200%			
20) 2-Butanone-d5	3.896	46	152643	46.287	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.580%			
24) Chloroform-d	4.339	84	185767	5.028	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.027	65	80760	5.004	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	5.043	84	357515	4.948	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.000%			
36) 1,2-Dichloropropane-d6	6.063	67	107026	4.941	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.310	98	337474	5.262	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
43) trans-1,3-Dichloroprop...	7.619	79	34163	4.820	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.400%			
46) 2-Hexanone-d5	8.085	63	134161	43.721	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.440%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	79611	4.717	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	103785	4.546	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	146410	4.972	ug/L	100
3) Chloromethane	1.237	50	126599	4.481	ug/L	100
5) Vinyl chloride	1.304	62	136750	4.753	ug/L	100
6) Bromomethane	1.516	94	79543	4.619	ug/L	99
8) Chloroethane	1.581	64	84450	4.982	ug/L	97
9) Trichlorofluoromethane	1.748	101	185779	5.081	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	109849	5.245	ug/L	99
12) 1,1-Dichloroethene	2.111	96	101348	4.991	ug/L	95
13) Acetone	2.185	43	139943	50.437	ug/L #	33
14) Carbon disulfide	2.285	76	294649	4.925	ug/L	98
15) Methyl Acetate	2.436	43	36074	6.429	ug/L	96
16) Methylene chloride	2.500	84	119955	4.959	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	185066	5.290	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	102397	5.486	ug/L	96
19) 1,1-Dichloroethane	3.182	63	191399	5.616	ug/L	99
21) 2-Butanone	3.979	43	181222	56.005	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	100950	5.362	ug/L	96
23) Bromochloromethane	4.240	128	49718	5.733	ug/L	96
25) Chloroform	4.365	83	203239	5.693	ug/L	100

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

Quant Time: Jul 21 01:44:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 20 05:46:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	102104	5.308	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	169236	5.282	ug/L	99
30) Cyclohexane	4.671	56	126640	4.638	ug/L	96
31) Carbon tetrachloride	4.818	117	150291	5.311	ug/L	98
33) Benzene	5.092	78	424232	5.337	ug/L	100
34) Trichloroethene	5.908	95	101987	5.220	ug/L	99
35) Methylcyclohexane	6.124	83	149025	4.998	ug/L	100
37) 1,2-Dichloropropane	6.166	63	106020	5.578	ug/L	100
38) Bromodichloromethane	6.503	83	134053	5.410	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	120120	5.085	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	445586	50.748	ug/L	99
42) Toluene	7.384	91	445576	5.550	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	104311	5.378	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	74707	5.376	ug/L	96
47) Tetrachloroethene	7.969	164	84721	5.529	ug/L	98
48) 2-Hexanone	8.137	43	344120	54.151	ug/L	99
49) Dibromochloromethane	8.240	129	86811	5.421	ug/L	98
50) 1,2-Dibromoethane	8.349	107	67290	5.473	ug/L	98
51) Chlorobenzene	8.876	112	275053	5.419	ug/L	98
52) Ethylbenzene	9.008	91	407934	5.135	ug/L	100
53) m,p-Xylene	9.133	106	166194	5.379	ug/L	98
54) o-Xylene	9.542	106	154441	5.260	ug/L	95
55) Styrene	9.558	104	286299	5.564	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87505	5.320	ug/L	97
59) Bromoform	9.728	173	41641	4.953	ug/L	97
60) Isopropylbenzene	9.928	105	411768	5.038	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	61149	5.060	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	308887	4.750	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	322414	4.883	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	214658	5.361	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	214935	5.279	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	195486	5.228	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11712	4.572	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	144440	5.103	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	106038	4.927	ug/L	99
71) Naphthalene	13.500	128	147457	4.135	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	95374	4.762	ug/L	99

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

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