Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030822\
Data File : VV024882.D
Acq On : 09 Mar 2022 14:59
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005328

Quant Time: Mar 10 04:56:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 10 04:55:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	171204	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56166	3.868	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.400%			
7) Chloroethane-d5	1.568	69	52679	4.422	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	2.111	63	99187	3.727	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.600%			
20) 2-Butanone-d5	3.896	46	97113	46.820	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.640%			
24) Chloroform-d	4.349	84	122648	5.413	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%			
26) 1,2-Dichloroethane-d4	5.031	65	52223	5.171	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	5.047	84	230489	4.918	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
36) 1,2-Dichloropropane-d6	6.069	67	73445	5.325	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.400%			
41) Toluene-d8	7.313	98	194508	4.567	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
43) trans-1,3-Dichloroprop...	7.622	79	23347	5.081	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.600%			
46) 2-Hexanone-d5	8.088	63	103794	57.408	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.820%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46254	5.564	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	65265	4.892	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	68374	4.096	ug/L	100
3) Chloromethane	1.243	50	67360	4.040	ug/L	99
5) Vinyl chloride	1.310	62	75439	4.121	ug/L	100
6) Bromomethane	1.523	94	45203	4.134	ug/L	97
8) Chloroethane	1.587	64	46036	4.083	ug/L	100
9) Trichlorofluoromethane	1.754	101	100414	4.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	53811	3.856	ug/L	98
12) 1,1-Dichloroethene	2.121	96	54763	4.107	ug/L	92
13) Acetone	2.188	43	44267	30.263	ug/L	91
14) Carbon disulfide	2.294	76	159179	4.254	ug/L	99
15) Methyl Acetate	2.442	43	14044	3.667	ug/L	97
16) Methylene chloride	2.507	84	65104	4.959	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	120002	4.578	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	61276	4.706	ug/L	98
19) 1,1-Dichloroethane	3.188	63	114357	4.796	ug/L	99
21) 2-Butanone	3.982	43	80538	35.630	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	66456	4.828	ug/L	93
23) Bromochloromethane	4.249	128	26183	4.921	ug/L	88
25) Chloroform	4.375	83	116988	4.697	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.130	62	57861	4.352	ug/L		99
29) 1,1,1-Trichloroethane	4.606	97	101879	4.672	ug/L		97
30) Cyclohexane	4.677	56	88911	4.020	ug/L		95
31) Carbon tetrachloride	4.825	117	84653	4.618	ug/L		100
33) Benzene	5.098	78	258574	4.701	ug/L		100
34) Trichloroethene	5.912	95	67314	4.620	ug/L		98
35) Methylcyclohexane	6.127	83	92448	3.927	ug/L		98
37) 1,2-Dichloropropane	6.172	63	62239	4.789	ug/L		99
38) Bromodichloromethane	6.506	83	77862	4.760	ug/L		99
39) cis-1,3-Dichloropropene	7.024	75	83910	4.655	ug/L		99
40) 4-Methyl-2-pentanone	7.223	43	259117	41.916	ug/L		95
42) Toluene	7.384	91	267691	4.571	ug/L		100
44) trans-1,3-Dichloropropene	7.648	75	65058	4.517	ug/L		93
45) 1,1,2-Trichloroethane	7.838	97	41193	4.872	ug/L		98
47) Tetrachloroethene	7.973	164	42127	4.246	ug/L		98
48) 2-Hexanone	8.140	43	197517	45.443	ug/L		97
49) Dibromochloromethane	8.243	129	46927	5.002	ug/L		99
50) 1,2-Dibromoethane	8.352	107	37913	4.915	ug/L		98
51) Chlorobenzene	8.879	112	167304	4.567	ug/L		97
52) Ethylbenzene	9.011	91	284213	4.447	ug/L		99
53) m,p-xylene	9.136	106	105712	4.375	ug/L		100
54) o-xylene	9.542	106	106637	4.517	ug/L		99
55) Styrene	9.558	104	179247	4.667	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.239	83	40109	4.486	ug/L		95
59) Bromoform	9.728	173	19442	4.981	ug/L	#	97
60) Isopropylbenzene	9.927	105	282906	4.436	ug/L		99
61) 1,2,3-Trichloropropane	10.272	75	32765	4.689	ug/L		99
62) 1,3,5-Trimethylbenzene	10.538	105	225343	4.239	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	227992	4.320	ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	119834	4.455	ug/L		97
65) 1,4-Dichlorobenzene	11.271	146	118905	4.426	ug/L		100
67) 1,2-Dichlorobenzene	11.641	146	109720	4.624	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5643	4.723	ug/L		90
69) 1,3,5-Trichlorobenzene	12.641	180	78082	4.094	ug/L		98
70) 1,2,4-trichlorobenzene	13.259	180	61168	4.071	ug/L		98
71) Naphthalene	13.500	128	107967	4.225	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	55349	4.401	ug/L		99

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

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