Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
Data File : VV027904.D
Acq On : 17 Sep 2022 16:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Quant Time: Sep 19 02:33:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 19 02:25:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	224855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	124387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75566	4.210	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.200%			
7) Chloroethane-d5	1.568	69	55115	4.344	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.108	63	115138	4.077	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.600%			
20) 2-Butanone-d5	3.886	46	134928	48.671	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.340%			
24) Chloroform-d	4.346	84	141888	4.288	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	5.030	65	71793	4.327	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
32) Benzene-d6	5.047	84	262248	4.403	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.066	67	68167	4.380	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.600%			
41) Toluene-d8	7.313	98	245229	4.447	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
43) trans-1,3-Dichloroprop...	7.619	79	30579	4.590	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.088	63	111402	50.418	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.840%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48588	4.513	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	93791	4.307	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	88526	4.906	ug/L	99
3) Chloromethane	1.240	50	69864	4.955	ug/L	98
5) Vinyl chloride	1.310	62	81558	5.054	ug/L	99
6) Bromomethane	1.523	94	44248	5.088	ug/L	96
8) Chloroethane	1.587	64	46389	5.040	ug/L	98
9) Trichlorofluoromethane	1.754	101	137485	5.118	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63099	4.887	ug/L	92
12) 1,1-Dichloroethene	2.117	96	57811	4.692	ug/L	93
13) Acetone	2.178	43	87682	48.628	ug/L	85
14) Carbon disulfide	2.294	76	141891	4.771	ug/L	99
15) Methyl Acetate	2.439	43	18651	4.711	ug/L #	76
16) Methylene chloride	2.506	84	73393	4.605	ug/L	83
17) Methyl tert-butyl Ether	2.767	73	170627	5.378	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	72873	5.248	ug/L	90
19) 1,1-Dichloroethane	3.188	63	131925	5.075	ug/L	99
21) 2-Butanone	3.973	43	139756	57.497	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	78728	5.039	ug/L #	87
23) Bromochloromethane	4.246	128	35062	4.912	ug/L #	81
25) Chloroform	4.371	83	156477	5.018	ug/L	100

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Quant Time: Sep 19 02:33:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 19 02:25:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	90107	5.109	ug/L		96
29) 1,1,1-Trichloroethane	4.606	97	145577	5.156	ug/L		97
30) Cyclohexane	4.677	56	94307	5.445	ug/L		95
31) Carbon tetrachloride	4.825	117	130741	5.225	ug/L		99
33) Benzene	5.095	78	295664	5.251	ug/L		100
34) Trichloroethene	5.911	95	79851	5.249	ug/L		95
35) Methylcyclohexane	6.127	83	111584	5.297	ug/L		93
37) 1,2-Dichloropropane	6.169	63	67558	5.328	ug/L		97
38) Bromodichloromethane	6.506	83	102477	5.179	ug/L		95
39) cis-1,3-Dichloropropene	7.027	75	101918	5.342	ug/L		96
40) 4-Methyl-2-pentanone	7.223	43	341706	55.460	ug/L	#	92
42) Toluene	7.384	91	330752	5.349	ug/L		100
44) trans-1,3-Dichloropropene	7.648	75	91172	5.408	ug/L		100
45) 1,1,2-Trichloroethane	7.834	97	52745	5.356	ug/L		93
47) Tetrachloroethene	7.972	164	66135	5.204	ug/L		98
48) 2-Hexanone	8.136	43	249979	56.539	ug/L	#	94
49) Dibromochloromethane	8.243	129	68343	5.291	ug/L		97
50) 1,2-Dibromoethane	8.352	107	46007	5.210	ug/L	#	98
51) Chlorobenzene	8.879	112	220818	5.218	ug/L		99
52) Ethylbenzene	9.011	91	359431	5.341	ug/L		100
53) m,p-Xylene	9.136	106	144880	5.435	ug/L		99
54) o-Xylene	9.542	106	139337	5.380	ug/L		98
55) Styrene	9.558	104	248682	5.556	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53755	5.318	ug/L	#	98
59) Bromoform	9.728	173	36517	4.955	ug/L		99
60) Isopropylbenzene	9.927	105	382183	5.264	ug/L		99
61) 1,2,3-Trichloropropane	10.271	75	41590	4.869	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	111075	5.224	ug/L		100
63) 1,2,4-Trimethylbenzene	10.911	105	315424	5.277	ug/L		99
64) 1,3-Dichlorobenzene	11.178	146	191538	5.196	ug/L		99
65) 1,4-Dichlorobenzene	11.268	146	191219	5.118	ug/L		97
67) 1,2-Dichlorobenzene	11.641	146	176786	5.208	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.426	75	9388	5.153	ug/L		97
69) 1,3,5-Trichlorobenzene	12.641	180	157240	5.264	ug/L		99
70) 1,2,4-trichlorobenzene	13.258	180	126471	5.377	ug/L		99
71) Naphthalene	13.500	128	178350	5.455	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	105887	5.288	ug/L		99

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

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