Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027381.D
Acq On : 15 Aug 2022 09:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

Quant Time: Aug 16 00:20:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 21:49:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	154113	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63454	4.739	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.561	69	48725	5.011	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.200%			
11) 1,1-Dichloroethene-d2	2.101	63	117547	4.841	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.800%			
20) 2-Butanone-d5	3.879	46	111472	49.159	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.320%			
24) Chloroform-d	4.339	84	132136	5.381	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.600%			
26) 1,2-Dichloroethane-d4	5.024	65	62260	5.322	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	5.043	84	255072	5.330	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.600%			
36) 1,2-Dichloropropane-d6	6.063	67	77896	5.264	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.200%			
41) Toluene-d8	7.310	98	249250	5.689	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.800%			
43) trans-1,3-Dichloroprop...	7.619	79	29458	5.747	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.000%			
46) 2-Hexanone-d5	8.085	63	108070	54.480	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.960%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56201	5.250	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	80997	5.242	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	94809	5.177	ug/L	100
3) Chloromethane	1.236	50	81497	4.449	ug/L	97
5) Vinyl chloride	1.307	62	80797	4.729	ug/L	99
6) Bromomethane	1.516	94	34661	4.344	ug/L	99
8) Chloroethane	1.580	64	47330	4.982	ug/L	94
9) Trichlorofluoromethane	1.748	101	113904	4.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	61265	5.719	ug/L	97
12) 1,1-Dichloroethene	2.111	96	53896	4.856	ug/L	98
13) Acetone	2.169	43	56034	33.439	ug/L	98
14) Carbon disulfide	2.288	76	186788	4.203	ug/L	100
15) Methyl Acetate	2.429	43	17949	4.399	ug/L	96
16) Methylene chloride	2.500	84	72094	4.045	ug/L	97
17) Methyl tert-butyl Ether	2.760	73	120811	4.664	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	66479	4.870	ug/L	99
19) 1,1-Dichloroethane	3.182	63	129257	4.946	ug/L	98
21) 2-Butanone	3.963	43	97434	42.703	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	65621	4.889	ug/L	99
23) Bromochloromethane	4.239	128	27956	4.456	ug/L	99
25) Chloroform	4.365	83	137289	5.113	ug/L	98

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VSTD005371

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.124	62	70530	4.596	ug/L		96
29) 1,1,1-Trichloroethane	4.600	97	118564	5.193	ug/L		99
30) Cyclohexane	4.667	56	93764	5.069	ug/L		98
31) Carbon tetrachloride	4.818	117	103635	5.216	ug/L		99
33) Benzene	5.092	78	270630	4.880	ug/L		100
34) Trichloroethene	5.908	95	70851	5.133	ug/L		98
35) Methylcyclohexane	6.124	83	103325	5.437	ug/L		99
37) 1,2-Dichloropropane	6.165	63	72917	5.320	ug/L		99
38) Bromodichloromethane	6.503	83	91969	5.206	ug/L		100
39) cis-1,3-Dichloropropene	7.024	75	87516	5.224	ug/L		98
40) 4-Methyl-2-pentanone	7.220	43	331470	46.861	ug/L		99
42) Toluene	7.381	91	303467	5.485	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	75169	5.128	ug/L		99
45) 1,1,2-Trichloroethane	7.834	97	46568	4.765	ug/L		98
47) Tetrachloroethene	7.969	164	56566	5.218	ug/L		99
48) 2-Hexanone	8.136	43	245294	48.325	ug/L		99
49) Dibromochloromethane	8.243	129	57633	5.038	ug/L		99
50) 1,2-Dibromoethane	8.349	107	41052	4.725	ug/L		100
51) Chlorobenzene	8.876	112	184708	5.126	ug/L		98
52) Ethylbenzene	9.008	91	296256	5.329	ug/L		99
53) m,p-Xylene	9.133	106	117567	5.545	ug/L		98
54) o-Xylene	9.541	106	109780	5.294	ug/L		97
55) Styrene	9.558	104	193618	5.430	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.239	83	52565	4.826	ug/L		98
59) Bromoform	9.731	173	27846	4.613	ug/L		96
60) Isopropylbenzene	9.927	105	299575	5.313	ug/L		99
61) 1,2,3-Trichloropropane	10.271	75	37773	4.381	ug/L		99
62) 1,3,5-Trimethylbenzene	10.535	105	77252	4.957	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	225469	5.047	ug/L		99
64) 1,3-Dichlorobenzene	11.178	146	146483	5.199	ug/L		98
65) 1,4-Dichlorobenzene	11.271	146	146144	5.155	ug/L		98
67) 1,2-Dichlorobenzene	11.641	146	132245	5.040	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7526	4.179	ug/L	#	83
69) 1,3,5-Trichlorobenzene	12.644	180	103948	5.117	ug/L		97
70) 1,2,4-trichlorobenzene	13.258	180	76495	5.039	ug/L		97
71) Naphthalene	13.500	128	103097	4.395	ug/L		100
72) 1,2,3-Trichlorobenzene	13.741	180	67874	4.796	ug/L		98

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

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