Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
Data File : VU051649.D
Acq On : 01 Nov 2022 08:20
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005191

Quant Time: Nov 01 08:39:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 02:34:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	268006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	139332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68624	3.400	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.000%			
7) Chloroethane-d5	1.906	69	77938	3.702	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.000%			
11) 1,1-Dichloroethene-d2	2.562	65	25829	3.526	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.600%			
20) 2-Butanone-d5	4.617	46	399542	54.656	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.320%			
24) Chloroform-d	5.060	84	199866	4.231	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
26) 1,2-Dichloroethane-d4	5.700	65	109636	4.297	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
32) Benzene-d6	5.726	84	354910	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.690	67	130503	4.448	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.000%			
41) Toluene-d8	7.896	98	281179	4.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	8.176	79	39503	4.403	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.000%			
46) 2-Hexanone-d5	8.629	63	343954	63.689	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 127.380%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	132233	4.918	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	111608	4.364	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	140420	4.791	ug/L	99
3) Chloromethane	1.527	50	151668	4.105	ug/L	99
5) Vinyl chloride	1.601	62	165511	4.676	ug/L #	74
6) Bromomethane	1.848	94	60679	3.616	ug/L	95
8) Chloroethane	1.929	64	101434	4.720	ug/L	96
9) Trichlorofluoromethane	2.134	101	182556	4.699	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	109327	4.786	ug/L	98
12) 1,1-Dichloroethene	2.575	96	111984	4.806	ug/L	94
13) Acetone	2.623	43	190765	51.432	ug/L	98
14) Carbon disulfide	2.790	76	359540	4.787	ug/L	100
15) Methyl Acetate	2.948	43	49532	5.101	ug/L	93
16) Methylene chloride	3.041	84	172980	4.533	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	301538	5.644	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	123532	4.940	ug/L	99
19) 1,1-Dichloroethane	3.867	63	228513	4.955	ug/L	99
21) 2-Butanone	4.697	43	337869	58.169	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	141985	5.132	ug/L	100
23) Bromochloromethane	4.970	128	64318	4.972	ug/L	95
25) Chloroform	5.086	83	230392	4.815	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	143261	4.865	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	186241	5.159	ug/L	97
30) Cyclohexane	5.385	56	180410	5.427	ug/L	99
31) Carbon tetrachloride	5.523	117	153837	4.982	ug/L	100
33) Benzene	5.771	78	559226	5.330	ug/L	100
34) Trichloroethene	6.539	95	130556	5.156	ug/L	99
35) Methylcyclohexane	6.761	83	186139	5.316	ug/L	99
37) 1,2-Dichloropropane	6.790	63	137663	5.101	ug/L	100
38) Bromodichloromethane	7.102	83	167744	5.089	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	174685	5.045	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	825089	60.952	ug/L	99
42) Toluene	7.967	91	626494	5.814	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	148045	5.116	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	104588	5.288	ug/L	98
47) Tetrachloroethene	8.552	164	98407	5.074	ug/L	96
48) 2-Hexanone	8.681	43	607248	60.605	ug/L	99
49) Dibromochloromethane	8.806	129	115298	5.103	ug/L	99
50) 1,2-Dibromoethane	8.922	107	97728	5.477	ug/L	97
51) Chlorobenzene	9.446	112	369237	5.444	ug/L	100
52) Ethylbenzene	9.568	91	588370	5.659	ug/L	99
53) m,p-Xylene	9.690	106	242539	6.006	ug/L	98
54) o-Xylene	10.099	106	226595	5.741	ug/L	99
55) Styrene	10.111	104	377421	5.720	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	135355	5.520	ug/L	99
59) Bromoform	10.288	173	67814	5.268	ug/L	99
60) Isopropylbenzene	10.481	105	573199	5.635	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	93333	5.180	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	156986	5.733	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	457709	5.797	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	264518	5.224	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	263060	5.181	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	256282	5.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	20412	5.502	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	186882	5.178	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	149597	5.399	ug/L	98
71) Naphthalene	14.086	128	327829	6.338	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	152471	5.449	ug/L	99

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

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