Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031122\
Data File : VV024953.D
Acq On : 11 Mar 2022 09:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050287

Quant Time: Mar 11 23:05:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 11 05:21:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	258678	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	256303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	129603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	113440	43.129	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.260%		
7) Chloroethane-d5	1.568	69	89261	43.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.500%		
11) 1,1-Dichloroethene-d2	2.108	63	188789	42.764	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.520%		
21) 2-Butanone-d5	3.889	46	129878	86.765	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.770%		
24) Chloroform-d	4.342	84	206327	44.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.880%		
26) 1,2-Dichloroethane-d4	5.027	65	120138	44.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.700%		
32) Benzene-d6	5.047	84	418760	44.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
36) 1,2-Dichloropropane-d6	6.063	67	130960	44.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.500%		
41) Toluene-d8	7.310	98	378038	44.918	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.840%		
43) trans-1,3-Dichloroprop...	7.619	79	58489	45.478	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.960%		
47) 2-Hexanone-d5	8.085	63	92470	82.307	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.310%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	160461	45.707	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.420%		
66) 1,2-Dichlorobenzene-d4	11.622	152	132396	44.347	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	99887	40.899	ug/L	99
3) Chloromethane	1.243	50	99433	39.353	ug/L	100
5) Vinyl chloride	1.310	62	104515	40.315	ug/L	99
6) Bromomethane	1.523	94	66803	43.136	ug/L	98
8) Chloroethane	1.584	64	63438	41.754	ug/L	100
9) Trichlorofluoromethane	1.754	101	139796	42.166	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	85109	43.289	ug/L	99
12) 1,1-Dichloroethene	2.117	96	78649	41.076	ug/L	99
13) Acetone	2.182	43	106376	93.064	ug/L	96
14) Carbon disulfide	2.294	76	238256	40.732	ug/L	99
15) Methyl Acetate	2.433	43	84241	42.902	ug/L	100
16) Methylene chloride	2.506	84	97387	43.429	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	88750	42.858	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	271088	42.935	ug/L	98
19) 1,1-Dichloroethane	3.188	63	161134	43.157	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	98583	43.980	ug/L	95
22) 2-Butanone	3.969	43	122961	93.815	ug/L	98
23) Bromochloromethane	4.243	128	49171	43.862	ug/L	97
25) Chloroform	4.371	83	169328	43.658	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	118641	43.835	ug/L	99
29) Cyclohexane	4.674	56	137740	41.084	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	142230	42.143	ug/L	99
31) Carbon tetrachloride	4.822	117	119726	41.723	ug/L	99
33) Benzene	5.095	78	372829	43.102	ug/L	100
34) Trichloroethene	5.908	95	101264	42.705	ug/L	99
35) Methylcyclohexane	6.127	83	152650	42.431	ug/L	99
37) 1,2-Dichloropropane	6.169	63	93497	43.075	ug/L	99
38) Bromodichloromethane	6.506	83	121639	42.765	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	140539	43.020	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	214988	83.076	ug/L	99
42) Toluene	7.384	91	390925	43.311	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	131535	43.826	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	93095	44.142	ug/L	97
46) Tetrachloroethene	7.973	164	65784	42.956	ug/L	97
48) 2-Hexanone	8.136	43	177870	87.333	ug/L	98
49) Dibromochloromethane	8.243	129	93220	45.740	ug/L	99
50) 1,2-Dibromoethane	8.349	107	95706	44.004	ug/L	99
51) Chlorobenzene	8.876	112	246231	43.244	ug/L	99
52) Ethylbenzene	9.008	91	414352	43.525	ug/L	100
53) m,p-Xylene	9.133	106	162627	44.458	ug/L	98
54) o-Xylene	9.542	106	154234	43.636	ug/L	99
55) Styrene	9.558	104	270222	45.058	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	128030	43.402	ug/L	99
59) Bromoform	9.728	173	52971	44.867	ug/L	98
60) Isopropylbenzene	9.927	105	411614	43.732	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	108247	41.742	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	277183	43.648	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	347278	44.617	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	180650	43.739	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	184469	43.626	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	180944	43.531	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	23965	40.481	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	122470	43.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	104621	43.070	ug/L	98
71) Naphthalene	13.500	128	330074	41.939	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	104002	43.419	ug/L	99

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

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