Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020422\
Data File : VV024555.D
Acq On : 04 Feb 2022 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050283

Quant Time: Feb 05 00:15:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 03 05:56:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	341645	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	315248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	149118	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	103812	42.790	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.580%			
7) Chloroethane-d5	1.568	69	105886	50.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.140%			
11) 1,1-Dichloroethene-d2	2.108	63	224700	46.489	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.980%			
21) 2-Butanone-d5	3.880	46	155669	97.013	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.010%			
24) Chloroform-d	4.343	84	207789	46.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.280%			
26) 1,2-Dichloroethane-d4	5.027	65	132339	46.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.060%			
32) Benzene-d6	5.047	84	399871	44.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.220%			
36) 1,2-Dichloropropane-d6	6.066	67	128248	44.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.880%			
41) Toluene-d8	7.310	98	364143	44.142	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.280%			
43) trans-1,3-Dichloroprop...	7.619	79	66982	44.608	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.220%			
47) 2-Hexanone-d5	8.082	63	118610	97.866	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.870%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	162960	47.636	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.280%			
66) 1,2-Dichlorobenzene-d4	11.622	152	129733	45.983	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	125258	49.591	ug/L	99
3) Chloromethane	1.240	50	126952	50.416	ug/L	99
5) Vinyl chloride	1.311	62	137259	51.306	ug/L	99
6) Bromomethane	1.523	94	96028	58.312	ug/L	98
8) Chloroethane	1.584	64	105670	57.902	ug/L	97
9) Trichlorofluoromethane	1.751	101	202377	51.022	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	112898	53.728	ug/L	98
12) 1,1-Dichloroethene	2.118	96	106791	52.828	ug/L	97
13) Acetone	2.172	43	175040	103.768	ug/L	100
14) Carbon disulfide	2.291	76	276124	49.258	ug/L	99
15) Methyl Acetate	2.429	43	112428	50.312	ug/L	99
16) Methylene chloride	2.503	84	112134	50.219	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	103647	50.138	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	365653	50.651	ug/L	99
19) 1,1-Dichloroethane	3.185	63	202587	50.558	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	119248	51.099	ug/L	99
22) 2-Butanone	3.960	43	187231	98.571	ug/L	98
23) Bromochloromethane	4.243	128	56181	50.028	ug/L	97
25) Chloroform	4.372	83	208858	50.091	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	165440	50.619	ug/L	100
29) Cyclohexane	4.674	56	180884	49.158	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	188175	49.918	ug/L	100
31) Carbon tetrachloride	4.825	117	157228	50.505	ug/L	100
33) Benzene	5.095	78	447578	49.899	ug/L	100
34) Trichloroethene	5.908	95	125555	49.682	ug/L	98
35) Methylcyclohexane	6.127	83	189441	49.681	ug/L	99
37) 1,2-Dichloropropane	6.169	63	118891	50.269	ug/L	100
38) Bromodichloromethane	6.506	83	165255	49.837	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	193785	49.917	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	333567	100.698	ug/L	100
42) Toluene	7.384	91	484016	50.369	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	192263	50.996	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	113745	50.305	ug/L	98
46) Tetrachloroethene	7.973	164	76772	51.131	ug/L	99
48) 2-Hexanone	8.133	43	280227	99.463	ug/L	100
49) Dibromochloromethane	8.243	129	120822	50.626	ug/L	100
50) 1,2-Dibromoethane	8.349	107	118337	50.329	ug/L	100
51) Chlorobenzene	8.879	112	301321	50.245	ug/L	98
52) Ethylbenzene	9.008	91	529546	49.796	ug/L	99
53) m,p-Xylene	9.133	106	202346	50.851	ug/L	100
54) o-Xylene	9.542	106	200310	50.407	ug/L	99
55) Styrene	9.558	104	341028	50.690	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	163660	50.546	ug/L	97
59) Bromoform	9.728	173	75369	52.367	ug/L	99
60) Isopropylbenzene	9.928	105	535767	50.312	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	145804	49.255	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	458084	50.375	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	462903	50.581	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	222646	51.130	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	222626	50.477	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	220751	50.709	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	38919	49.888	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	151315	52.399	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	136151	52.914	ug/L	99
71) Naphthalene	13.500	128	504854	53.519	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	133222	53.004	ug/L	99

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

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