Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024820.D
Acq On : 14 Oct 2021 17:59
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD050689

Quant Time: Oct 14 23:02:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	260919	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	254879	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	133596	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72978	45.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.34%			
7) Chloroethane-d5	1.660	69	58155	54.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.38%			
11) 1,1-Dichloroethene-d2	2.306	63	157636	49.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.40%			
21) 2-Butanone-d5	4.465	46	149995	112.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.94%			
24) Chloroform-d	5.062	84	177595	54.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.56%			
26) 1,2-Dichloroethane-d4	5.964	65	121039	52.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.62%			
32) Benzene-d6	5.983	84	327678	45.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.28%			
36) 1,2-Dichloropropane-d6	7.312	67	105785	47.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.22%			
41) Toluene-d8	8.653	98	312467	44.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.34%			
43) trans-1,3-Dichloroprop...	8.952	79	54435	48.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.84%			
47) 2-Hexanone-d5	9.390	63	107801	102.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.25%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	163607	52.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.80%			
66) 1,2-Dichlorobenzene-d4	12.323	152	129438	49.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	115769	50.19	ug/L	99
3) Chloromethane	1.294	50	88378	46.93	ug/L	96
5) Vinyl chloride	1.374	62	93634	49.28	ug/L	100
6) Bromomethane	1.599	94	55633	53.06	ug/L	96
8) Chloroethane	1.685	64	55594	56.05	ug/L	98
9) Trichlorofluoromethane	1.886	101	152860	57.08	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	91316	54.79	ug/L	95
12) 1,1-Dichloroethene	2.319	96	80239	53.54	ug/L	92
13) Acetone	2.386	43	149120	113.59	ug/L	91
14) Carbon disulfide	2.514	76	216881	50.13	ug/L	98
15) Methyl Acetate	2.709	43	105025	50.21	ug/L	92
16) Methylene chloride	2.788	84	93892	52.07	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	86355	50.82	ug/L	91
18) Methyl tert-butyl Ether	3.123	73	289067	51.73	ug/L	97
19) 1,1-Dichloroethane	3.611	63	162936	51.32	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	96520	50.33	ug/L	94
22) 2-Butanone	4.568	43	177716	102.26	ug/L	93
23) Bromochloromethane	4.904	128	50808	50.70	ug/L	97
25) Chloroform	5.099	83	181560	50.58	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	147047	52.80	ug/L	96
29) Cyclohexane	5.477	56	148800	47.04	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	161069	48.19	ug/L	99
31) Carbon tetrachloride	5.684	117	140319	47.85	ug/L	100
33) Benzene	6.044	78	371752	47.20	ug/L	100
34) Trichloroethene	7.129	95	101160	46.66	ug/L	99
35) Methylcyclohexane	7.385	83	163357	47.40	ug/L	99
37) 1,2-Dichloropropane	7.434	63	97013	46.77	ug/L	100
38) Bromodichloromethane	7.824	83	127384	48.07	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	148968	47.90	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	298048	94.43	ug/L	93
42) Toluene	8.720	91	417156	47.45	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	151955	50.02	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	97010	48.10	ug/L	96
46) Tetrachloroethene	9.275	164	81031	47.95	ug/L	94
48) 2-Hexanone	9.433	43	252952	98.24	ug/L	91
49) Dibromochloromethane	9.525	129	103365	49.28	ug/L	94
50) 1,2-Dibromoethane	9.610	107	105379	48.38	ug/L	97
51) Chlorobenzene	10.086	112	266612	50.32	ug/L	95
52) Ethylbenzene	10.195	91	459697	50.79	ug/L	98
53) m,p-Xylene	10.305	106	183820	51.98	ug/L	99
54) o-Xylene	10.646	106	177593	50.28	ug/L	95
55) Styrene	10.659	104	301865	51.20	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	157963	49.56	ug/L	99
59) Bromoform	10.805	173	73693	48.75	ug/L	98
60) Isopropylbenzene	10.963	105	472635	51.37	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	130946	47.75	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	409189	50.64	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	411728	52.12	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	217466	50.69	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	216523	50.52	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	215414	50.85	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	35678	48.40	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	156600	50.82	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	135209	51.86	ug/L	97
71) Naphthalene	13.780	128	475230	54.60	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	142085	52.81	ug/L	99

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

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