Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011823\
Data File : VV029898.D
Acq On : 18 Jan 2023 15:12
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

Quant Time: Jan 19 05:25:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 19 00:40:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	471409	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	454992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	272529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	157866	48.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.120%			
7) Chloroethane-d5	1.561	69	134343	48.618	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.240%			
11) 1,1-Dichloroethene-d2	2.105	63	282340	48.369	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.740%			
21) 2-Butanone-d5	3.860	46	193148	100.909	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.910%			
24) Chloroform-d	4.330	84	306823	50.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.480%			
26) 1,2-Dichloroethane-d4	5.018	65	171231	50.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.160%			
32) Benzene-d6	5.037	84	633595	52.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.100%			
36) 1,2-Dichloropropane-d6	6.056	67	190526	50.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.700%			
41) Toluene-d8	7.304	98	580661	52.051	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.100%			
43) trans-1,3-Dichloroprop...	7.609	79	87698	52.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.380%			
47) 2-Hexanone-d5	8.079	63	167871	104.195	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.200%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	287766	49.628	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.260%			
66) 1,2-Dichlorobenzene-d4	11.609	152	245806	50.620	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	162864	48.260	ug/L	99
3) Chloromethane	1.240	50	160028	46.578	ug/L	99
5) Vinyl chloride	1.307	62	187302	47.372	ug/L	98
6) Bromomethane	1.513	94	86364	51.462	ug/L	98
8) Chloroethane	1.577	64	120494	47.681	ug/L	100
9) Trichlorofluoromethane	1.748	101	256041	48.011	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	159713	48.686	ug/L	99
12) 1,1-Dichloroethene	2.111	96	150586	47.579	ug/L	97
13) Acetone	2.150	43	179591	77.694	ug/L	99
14) Carbon disulfide	2.288	76	386520	47.847	ug/L	99
15) Methyl Acetate	2.416	43	145782	48.756	ug/L	100
16) Methylene chloride	2.497	84	182928	48.445	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	162223	48.877	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	511236	49.265	ug/L	100
19) 1,1-Dichloroethane	3.175	63	293308	48.613	ug/L	99
20) cis-1,2-Dichloroethene	3.896	96	185308	49.877	ug/L	99
22) 2-Butanone	3.941	43	221325	92.567	ug/L	100
23) Bromochloromethane	4.230	128	96417	49.580	ug/L	98
25) Chloroform	4.359	83	305328	48.713	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	209840	48.488	ug/L	98
29) Cyclohexane	4.664	56	246634	51.671	ug/L	98
30) 1,1,1-Trichloroethane	4.593	97	263988	49.946	ug/L	99
31) Carbon tetrachloride	4.812	117	221856	49.492	ug/L	100
33) Benzene	5.085	78	698893	51.109	ug/L	100
34) Trichloroethene	5.902	95	170755	49.598	ug/L	98
35) Methylcyclohexane	6.117	83	285541	51.342	ug/L	99
37) 1,2-Dichloropropane	6.159	63	179106	50.410	ug/L	98
38) Bromodichloromethane	6.497	83	228603	49.529	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	256655	51.113	ug/L	100
40) 4-Methyl-2-pentanone	7.214	43	398202	101.289	ug/L	99
42) Toluene	7.374	91	741510	50.784	ug/L	98
44) trans-1,3-Dichloropropene	7.638	75	240900	51.284	ug/L	98
45) 1,1,2-Trichloroethane	7.825	97	179354	49.904	ug/L	99
46) Tetrachloroethene	7.963	164	142279	50.099	ug/L	98
48) 2-Hexanone	8.130	43	320296	99.339	ug/L	99
49) Dibromochloromethane	8.233	129	184401	49.294	ug/L	99
50) 1,2-Dibromoethane	8.339	107	179305	49.820	ug/L	98
51) Chlorobenzene	8.870	112	490961	48.930	ug/L	100
52) Ethylbenzene	8.998	91	799335	50.089	ug/L	99
53) m,p-Xylene	9.127	106	316916	50.012	ug/L	99
54) o-Xylene	9.532	106	324382	52.872	ug/L	100
55) Styrene	9.548	104	595072	53.781	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.226	83	289727	48.001	ug/L	99
59) Bromoform	9.718	173	137553	50.889	ug/L	98
60) Isopropylbenzene	9.918	105	865187	53.218	ug/L	99
61) 1,2,3-Trichloropropane	10.259	75	214022	48.222	ug/L	100
62) 1,3,5-Trimethylbenzene	10.525	105	719338	52.699	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	699350	51.404	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	402744	49.036	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	413611	48.608	ug/L	100
67) 1,2-Dichlorobenzene	11.628	146	406067	49.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	53865	45.418	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	310818	48.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	275166	48.755	ug/L	99
71) Naphthalene	13.487	128	717471	47.267	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	271078	49.286	ug/L	100

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

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