Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
Data File : VX043681.D
Acq On : 04 Nov 2024 14:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD050777

Quant Time: Nov 05 03:38:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 05 03:28:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	336390	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	293297	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	137239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82962	46.294	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.580%			
7) Chloroethane-d5	1.642	69	38234	49.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.260%			
11) 1,1-Dichloroethene-d2	2.294	65	39195	47.378	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.760%			
21) 2-Butanone-d5	4.459	46	114047	97.197	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.200%			
24) Chloroform-d	5.056	84	189072	48.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.880%			
26) 1,2-Dichloroethane-d4	5.952	65	114677	46.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.460%			
32) Benzene-d6	5.971	84	365637	48.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.440%			
36) 1,2-Dichloropropane-d6	7.306	67	110538	47.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.820%			
41) Toluene-d8	8.647	98	331584	48.137	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.280%			
43) trans-1,3-Dichloroprop...	8.952	79	54373	49.283	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.560%			
47) 2-Hexanone-d5	9.385	63	90398	99.012	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.010%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144528	48.827	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.660%			
66) 1,2-Dichlorobenzene-d4	12.317	152	114299	48.069	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	116271	49.077	ug/L	100
3) Chloromethane	1.295	50	112771	48.979	ug/L	98
5) Vinyl chloride	1.374	62	109437	48.523	ug/L	97
6) Bromomethane	1.593	94	43076	49.288	ug/L	100
8) Chloroethane	1.660	64	42332	53.348	ug/L	100
9) Trichlorofluoromethane	1.868	101	144879	50.621	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	98181	49.948	ug/L	99
12) 1,1-Dichloroethene	2.307	96	89686	49.980	ug/L	88
13) Acetone	2.386	43	118095	108.214	ug/L	99
14) Carbon disulfide	2.502	76	196820	49.616	ug/L	98
15) Methyl Acetate	2.703	43	114920	49.800	ug/L	98
16) Methylene chloride	2.782	84	106472	49.112	ug/L	99
17) trans-1,2-Dichloroethene	3.081	96	97241	50.371	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	367874	50.128	ug/L	100
19) 1,1-Dichloroethane	3.605	63	189737	49.911	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	119057	49.653	ug/L	98
22) 2-Butanone	4.562	43	163204	103.369	ug/L	100
23) Bromochloromethane	4.891	128	59212	49.126	ug/L	92
25) Chloroform	5.087	83	206135	50.532	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	159362	50.558	ug/L	95
29) Cyclohexane	5.465	56	169608	49.837	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	175323	49.345	ug/L	99
31) Carbon tetrachloride	5.666	117	146993	50.429	ug/L	100
33) Benzene	6.031	78	425295	50.872	ug/L	100
34) Trichloroethene	7.123	95	111631	49.668	ug/L	98
35) Methylcyclohexane	7.373	83	168710	50.243	ug/L	97
37) 1,2-Dichloropropane	7.428	63	113193	50.830	ug/L	100
38) Bromodichloromethane	7.818	83	142276	50.231	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	185121	50.920	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	315888	104.218	ug/L	100
42) Toluene	8.714	91	440275	50.071	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	170445	51.416	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	113288	49.610	ug/L	99
46) Tetrachloroethene	9.269	164	81763	50.540	ug/L	98
48) 2-Hexanone	9.433	43	246961	109.001	ug/L	100
49) Dibromochloromethane	9.519	129	109952	51.658	ug/L	98
50) 1,2-Dibromoethane	9.610	107	120387	51.059	ug/L	98
51) Chlorobenzene	10.080	112	287505	50.030	ug/L	98
52) Ethylbenzene	10.189	91	485801	50.827	ug/L	100
53) m,p-Xylene	10.299	106	190500	51.632	ug/L	98
54) o-Xylene	10.640	106	189428	51.499	ug/L	98
55) Styrene	10.653	104	318763	52.096	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	172331	50.388	ug/L	98
59) Bromoform	10.799	173	74328	51.779	ug/L	99
60) Isopropylbenzene	10.964	105	486593	51.134	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	133866	50.252	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	410701	51.347	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	412310	51.772	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	212688	50.812	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	213749	50.700	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	219415	51.295	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	33842	50.734	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	142560	51.065	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	130121	50.833	ug/L	98
71) Naphthalene	13.774	128	498173	52.407	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	134366	50.790	ug/L	99

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

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