Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035121.D
Acq On : 18 Apr 2023 14:23
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VICV637

Quant Time: Apr 19 00:45:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:39:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	517126	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	450267	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	220610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	166959	50.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.140%			
7) Chloroethane-d5	1.672	69	122059	50.659	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.320%			
11) 1,1-Dichloroethene-d2	2.306	65	79776	50.002	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.000%			
21) 2-Butanone-d5	4.458	46	231909	104.367	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.370%			
24) Chloroform-d	5.056	84	322498	51.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.720%			
26) 1,2-Dichloroethane-d4	5.952	65	202270	50.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.320%			
32) Benzene-d6	5.970	84	659455	50.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.960%			
36) 1,2-Dichloropropane-d6	7.305	67	202762	51.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.640%			
41) Toluene-d8	8.647	98	607556	51.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.800%			
43) trans-1,3-Dichloroprop...	8.952	79	92719	53.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.400%			
47) 2-Hexanone-d5	9.384	63	168507	106.205	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.210%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	250890	51.851	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.700%			
66) 1,2-Dichlorobenzene-d4	12.323	152	216812	50.714	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	204106	52.663	ug/L	100
3) Chloromethane	1.294	50	182852	51.842	ug/L	98
5) Vinyl chloride	1.374	62	188356	51.460	ug/L	99
6) Bromomethane	1.617	94	112921	51.944	ug/L	100
8) Chloroethane	1.691	64	108571	53.185	ug/L	97
9) Trichlorofluoromethane	1.886	101	263145	53.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	181055	53.469	ug/L	100
12) 1,1-Dichloroethene	2.319	96	162303	52.534	ug/L	96
13) Acetone	2.392	43	175022	106.199	ug/L	100
14) Carbon disulfide	2.514	76	409644	53.667	ug/L	100
15) Methyl Acetate	2.703	43	183992	52.117	ug/L	100
16) Methylene chloride	2.788	84	178265	51.821	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	164405	51.678	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	573166	52.096	ug/L	100
19) 1,1-Dichloroethane	3.611	63	319972	52.175	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	191720	51.545	ug/L	97
22) 2-Butanone	4.562	43	275671	108.976	ug/L	98
23) Bromochloromethane	4.897	128	95500	51.840	ug/L	97
25) Chloroform	5.092	83	327083	52.604	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	258752	51.957	ug/L	99
29) Cyclohexane	5.477	56	288388	53.008	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	281155	53.240	ug/L	99
31) Carbon tetrachloride	5.678	117	243763	54.436	ug/L	100
33) Benzene	6.037	78	711132	52.152	ug/L	100
34) Trichloroethene	7.123	95	190210	52.439	ug/L	99
35) Methylcyclohexane	7.379	83	263382	53.917	ug/L	100
37) 1,2-Dichloropropane	7.427	63	187712	52.287	ug/L	100
38) Bromodichloromethane	7.824	83	226892	53.490	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	297030	55.334	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	503820	106.460	ug/L	99
42) Toluene	8.720	91	745324	52.683	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	269615	55.743	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	180317	52.931	ug/L	98
46) Tetrachloroethene	9.275	164	144539	53.495	ug/L	99
48) 2-Hexanone	9.427	43	396055	110.226	ug/L	99
49) Dibromochloromethane	9.518	129	175340	54.159	ug/L	100
50) 1,2-Dibromoethane	9.610	107	189462	53.449	ug/L	99
51) Chlorobenzene	10.079	112	490992	52.679	ug/L	99
52) Ethylbenzene	10.195	91	833047	53.268	ug/L	99
53) m,p-Xylene	10.299	106	321847	53.744	ug/L	99
54) o-Xylene	10.640	106	315506	53.587	ug/L	100
55) Styrene	10.652	104	540316	54.165	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	268427	53.465	ug/L	99
59) Bromoform	10.799	173	122085	53.759	ug/L	98
60) Isopropylbenzene	10.963	105	799075	53.269	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	212186	52.095	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	658546	53.682	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	660659	54.160	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	364280	53.245	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	370375	52.905	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	362082	52.196	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	53931	53.661	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	237624	56.182	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	218526	55.178	ug/L	99
71) Naphthalene	13.774	128	770328	54.606	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	216724	55.432	ug/L	99

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

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