Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052423\
Data File : VV031219.D
Acq On : 24 May 2023 16:45
Operator : SY/MD
Sample : 02865-21MS
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 25 01:15:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 25 01:11:46 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	173597	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	176232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108672	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59298	39.969	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.940%			
7) Chloroethane-d5	1.535	69	55925	48.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.860%			
11) 1,1-Dichloroethene-d2	2.063	65	31620	45.450	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.900%			
21) 2-Butanone-d5	3.796	46	89213	112.852	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.850%			
24) Chloroform-d	4.259	84	128470	48.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.900%			
26) 1,2-Dichloroethane-d4	4.950	65	93949	52.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.940%			
32) Benzene-d6	4.969	84	219670	45.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.960%			
36) 1,2-Dichloropropane-d6	5.998	67	64297	44.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.960%			
41) Toluene-d8	7.249	98	215370	48.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.600%			
43) trans-1,3-Dichloroprop...	7.558	79	36533	50.940	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.880%			
47) 2-Hexanone-d5	8.030	63	57129	102.502	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.500%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	106875	49.848	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.700%			
66) 1,2-Dichlorobenzene-d4	11.567	152	95734	49.023	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	49876	44.503	ug/L	99
3) Chloromethane	1.217	50	51993	42.375	ug/L	98
5) Vinyl chloride	1.285	62	48931	44.649	ug/L	99
6) Bromomethane	1.490	94	29246	47.618	ug/L	99
8) Chloroethane	1.552	64	35479	50.240	ug/L	99
9) Trichlorofluoromethane	1.716	101	109680	50.883	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	55930	49.203	ug/L	97
12) 1,1-Dichloroethene	2.072	96	47389	49.143	ug/L	89
13) Acetone	2.124	43	87286	84.931	ug/L	99
14) Carbon disulfide	2.246	76	76531	43.551	ug/L	97
15) Methyl Acetate	2.381	43	60733	51.995	ug/L	99
16) Methylene chloride	2.455	84	50357	46.908	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	42057	47.172	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	187195	54.352	ug/L	98
19) 1,1-Dichloroethane	3.117	63	99510	48.975	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	55975	50.929	ug/L	96
22) 2-Butanone	3.879	43	97637m	99.068	ug/L	
23) Bromochloromethane	4.159	128	30052	49.757	ug/L	97
25) Chloroform	4.285	83	117372	51.711	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	105778	54.927	ug/L	100
29) Cyclohexane	4.593	56	61464	44.322	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	110053	50.890	ug/L	98
31) Carbon tetrachloride	4.744	117	94980	50.415	ug/L	97
33) Benzene	5.018	78	209202	49.550	ug/L	100
34) Trichloroethene	5.841	95	125058	110.546	ug/L	99
35) Methylcyclohexane	6.059	83	69810	46.504	ug/L	100
37) 1,2-Dichloropropane	6.101	63	56783	48.864	ug/L	100
38) Bromodichloromethane	6.439	83	87542	48.597	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	86710	48.390	ug/L	97
40) 4-Methyl-2-pentanone	7.165	43	198479	110.996	ug/L	98
42) Toluene	7.323	91	239208	52.367	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	95698	52.792	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	62764	49.496	ug/L	99
46) Tetrachloroethene	7.911	164	48763	50.198	ug/L	90
48) 2-Hexanone	8.082	43	152390	102.319	ug/L	99
49) Dibromochloromethane	8.181	129	72295	50.531	ug/L	93
50) 1,2-Dibromoethane	8.288	107	61209	48.550	ug/L	98
51) Chlorobenzene	8.821	112	162488	49.977	ug/L	96
52) Ethylbenzene	8.953	91	263592	50.401	ug/L	97
53) m,p-Xylene	9.079	106	103551	51.042	ug/L	95
54) o-Xylene	9.484	106	103443	51.687	ug/L	100
55) Styrene	9.503	104	189484	53.534	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	106450	51.092	ug/L	100
59) Bromoform	9.670	173	60052	47.657	ug/L	99
60) Isopropylbenzene	9.873	105	286627	49.317	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	85088	50.896	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	234684	49.125	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	232256	49.722	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	149491	50.199	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	151184	48.799	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	151261	50.058	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	24675	48.082	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	111625	48.488	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	97991	50.017	ug/L	99
71) Naphthalene	13.445	128	255225	50.153	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	99698	50.925	ug/L	99

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

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