Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031098.D
Acq On : 19 May 2023 10:41
Operator : SY/MD
Sample : VSTD10024
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD100224

Quant Time: May 19 23:55:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 19 23:53:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	275272	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	271874	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	167914	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	249815	120.306	ug/L	0.00
7) Chloroethane-d5	1.532	69	191669	111.618	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	116056	117.652	ug/L	0.00
21) 2-Butanone-d5	3.789	46	288532	253.430	ug/L	0.00
24) Chloroform-d	4.256	84	440218	117.805	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	304942	124.903	ug/L	0.00
32) Benzene-d6	4.966	84	806894	122.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	231806	113.900	ug/L	0.00
41) Toluene-d8	7.249	98	780905	125.959	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	129449	126.633	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	203976	253.437	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	354943	119.816	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	322916	118.852	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	183868	81.413	ug/L	98
3) Chloromethane	1.217	50	198618	68.563	ug/L	98
5) Vinyl chloride	1.285	62	185550	78.481	ug/L	99
6) Bromomethane	1.484	94	107400	109.536	ug/L	96
8) Chloroethane	1.548	64	115429	72.029	ug/L	98
9) Trichlorofluoromethane	1.716	101	352735	89.688	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	191172	92.057	ug/L	99
12) 1,1-Dichloroethene	2.072	96	159341	86.557	ug/L	87
13) Acetone	2.117	43	293438	171.897	ug/L	99
14) Carbon disulfide	2.246	76	294948	59.927	ug/L	98
15) Methyl Acetate	2.375	43	205706	93.138	ug/L	99
16) Methylene chloride	2.452	84	175716	83.512	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	154687	83.884	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	625211	103.013	ug/L	99
19) 1,1-Dichloroethane	3.117	63	340036	88.849	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	192411	94.051	ug/L	94
22) 2-Butanone	3.873	43	336630	193.120	ug/L	99
23) Bromochloromethane	4.156	128	97615	85.745	ug/L	98
25) Chloroform	4.285	83	380737	95.371	ug/L	95
27) 1,2-Dichloroethane	5.047	62	339378	99.842	ug/L	99
29) Cyclohexane	4.590	56	241646	79.666	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	347906	93.234	ug/L	99
31) Carbon tetrachloride	4.744	117	309170	92.874	ug/L	99
33) Benzene	5.018	78	715676	90.419	ug/L	100
34) Trichloroethene	5.838	95	181786	88.121	ug/L	99
35) Methylcyclohexane	6.059	83	262450	83.126	ug/L	99
37) 1,2-Dichloropropane	6.098	63	197806	92.495	ug/L	99
38) Bromodichloromethane	6.439	83	292519	95.586	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	320552	99.651	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	642419	211.854	ug/L	99
42) Toluene	7.320	91	807958	95.452	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	325941	102.290	ug/L	100

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45) 1,1,2-Trichloroethane	7.773	97	209055	95.945	ug/L	98
46) Tetrachloroethene	7.911	164	160248	89.055	ug/L	96
48) 2-Hexanone	8.082	43	507236	201.235	ug/L	98
49) Dibromochloromethane	8.182	129	236728	98.392	ug/L	97
50) 1,2-Dibromoethane	8.288	107	210929	94.495	ug/L	100
51) Chlorobenzene	8.818	112	536707	94.399	ug/L	98
52) Ethylbenzene	8.953	91	934429	99.281	ug/L	100
53) m,p-Xylene	9.079	106	359975	101.070	ug/L	97
54) o-Xylene	9.484	106	352976	100.852	ug/L	98
55) Styrene	9.500	104	645204	105.237	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	347849	97.247	ug/L	99
59) Bromoform	9.670	173	199619	96.891	ug/L	99
60) Isopropylbenzene	9.873	105	1000059	98.828	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	271126	92.258	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	837168	100.797	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	828607	100.274	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	498689	97.720	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	510086	94.929	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	501874	97.136	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	84076	96.854	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	373141	96.986	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	334174	101.706	ug/L	99
71) Naphthalene	13.445	128	944355	106.349	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	338583	103.941	ug/L	99

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

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