Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030579.D
Acq On : 17 Apr 2023 10:51
Operator : SY/MD
Sample : VSTD01016
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 18 02:10:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:09:16 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

Manual Integrations APPROVED

Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.542	114	242158	50.000	ug/L		0.00
28) Chlorobenzene-d5	8.792	117	232459	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	127016	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.282	65	17680	9.959	ug/L		0.00
7) Chloroethane-d5	1.539	69	13798	9.275	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.066	65	8349	9.917	ug/L		0.00
21) 2-Butanone-d5	3.815	46	17228	17.554	ug/L		0.01
24) Chloroform-d	4.262	84	31104	9.668	ug/L		0.00
26) 1,2-Dichloroethane-d4	4.957	65	20122	9.729	ug/L		0.00
32) Benzene-d6	4.973	84	52726	9.594	ug/L		0.00
36) 1,2-Dichloropropane-d6	5.998	67	15640	9.161	ug/L		0.00
41) Toluene-d8	7.252	98	47588	9.222	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.564	79	7421	8.624	ug/L		0.00
47) 2-Hexanone-d5	8.037	63	11353m	17.692	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	23756	9.590	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	19557	9.687	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.108	85	21088	10.129	ug/L		98
3) Chloromethane	1.217	50	27456	10.053	ug/L		98
5) Vinyl chloride	1.288	62	22333	10.143	ug/L		98
6) Bromomethane	1.494	94	9264	10.610	ug/L		99
8) Chloroethane	1.555	64	15213	10.074	ug/L		98
9) Trichlorofluoromethane	1.719	101	36408	10.202	ug/L		95
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	18983	10.122	ug/L		98
12) 1,1-Dichloroethene	2.076	96	17234	10.164	ug/L		98
13) Acetone	2.130	43	31835	21.100	ug/L		97
14) Carbon disulfide	2.249	76	47502	9.918	ug/L		97
15) Methyl Acetate	2.384	43	19520	9.695	ug/L		100
16) Methylene chloride	2.458	84	19834	10.222	ug/L		96
17) trans-1,2-Dichloroethene	2.706	96	16661	9.733	ug/L		95
18) Methyl tert-butyl Ether	2.712	73	49979	9.115	ug/L		99
19) 1,1-Dichloroethane	3.121	63	35245	10.099	ug/L		99
20) cis-1,2-Dichloroethene	3.831	96	18127	9.735	ug/L		97
22) 2-Butanone	3.896	43	30515m	19.285	ug/L		
23) Bromochloromethane	4.166	128	10497	10.093	ug/L		97
25) Chloroform	4.288	83	36799	10.187	ug/L		94
27) 1,2-Dichloroethane	5.053	62	32368	10.588	ug/L		100
29) Cyclohexane	4.593	56	25455	9.125	ug/L	#	94
30) 1,1,1-Trichloroethane	4.526	97	34451	10.547	ug/L		98
31) Carbon tetrachloride	4.744	117	31336	10.730	ug/L		96
33) Benzene	5.021	78	71098	10.072	ug/L		100
34) Trichloroethene	5.844	95	18177	9.900	ug/L		96
35) Methylcyclohexane	6.063	83	27174	9.445	ug/L		97
37) 1,2-Dichloropropane	6.104	63	20230	10.647	ug/L	#	94
38) Bromodichloromethane	6.442	83	27502	10.304	ug/L		94
39) cis-1,3-Dichloropropene	6.963	75	24834	8.709	ug/L		98
40) 4-Methyl-2-pentanone	7.169	43	47352	18.091	ug/L		100
42) Toluene	7.323	91	72742	9.621	ug/L		100
44) trans-1,3-Dichloropropene	7.590	75	25767	9.197	ug/L		100

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45) 1,1,2-Trichloroethane	7.780	97	19477	10.223	ug/L		96
46) Tetrachloroethene	7.911	164	15793	9.827	ug/L		98
48) 2-Hexanone	8.088	43	40302m	19.161	ug/L		
49) Dibromochloromethane	8.188	129	21222	10.099	ug/L		93
50) 1,2-Dibromoethane	8.291	107	19696	9.977	ug/L	#	98
51) Chlorobenzene	8.821	112	49286	9.842	ug/L		99
52) Ethylbenzene	8.953	91	75959	9.075	ug/L		99
53) m,p-Xylene	9.082	106	28366	8.972	ug/L		99
54) o-Xylene	9.487	106	27090	8.758	ug/L		100
55) Styrene	9.503	104	46974	8.646	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.185	83	31080	9.936	ug/L		98
59) Bromoform	9.673	173	16347	10.280	ug/L		98
60) Isopropylbenzene	9.876	105	74770	9.439	ug/L		99
61) 1,2,3-Trichloropropane	10.217	75	24620	10.822	ug/L		96
62) 1,3,5-Trimethylbenzene	10.484	105	58428	8.959	ug/L		99
63) 1,2,4-Trimethylbenzene	10.860	105	57582	8.842	ug/L		97
64) 1,3-Dichlorobenzene	11.127	146	38968	9.826	ug/L		99
65) 1,4-Dichlorobenzene	11.217	146	42783	10.230	ug/L		99
67) 1,2-Dichlorobenzene	11.590	146	40488	10.120	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.374	75	6995	10.394	ug/L		88
69) 1,3,5-Trichlorobenzene	12.590	180	28753	9.598	ug/L		99
70) 1,2,4-trichlorobenzene	13.207	180	23568	9.265	ug/L		98
71) Naphthalene	13.448	128	60433	8.685	ug/L		99
72) 1,2,3-Trichlorobenzene	13.689	180	22670	8.988	ug/L		99

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

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