Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012122\
Data File : VV024424.D
Acq On : 21 Jan 2022 14:17
Operator : SY/MD
Sample : VSTD20079
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 24 02:15:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 24 02:12:48 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

Manual Integrations APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.616	114	106602	50.000	ug/L		0.00
28) Chlorobenzene-d5	8.850	117	107532	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89130	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.310	65	176504	251.769	ug/L		0.00
7) Chloroethane-d5	1.571	69	98890	245.098	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.111	63	262267	233.605	ug/L		0.00
21) 2-Butanone-d5	3.889	46	111904	351.922	ug/L		0.00
24) Chloroform-d	4.346	84	283454	199.730	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.031	65	221644	211.751	ug/L		0.00
32) Benzene-d6	5.050	84	458755	177.663	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.069	67	89698	155.671	ug/L		0.00
41) Toluene-d8	7.313	98	524594	194.706	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.619	79	90985	206.828	ug/L		0.00
47) 2-Hexanone-d5	8.088	63	99081	399.361	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	185212	218.237	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	357960	195.846	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.130	85	287554	240.462	ug/L		97
3) Chloromethane	1.243	50	171716	237.015	ug/L		99
5) Vinyl chloride	1.314	62	203742	241.235	ug/L		99
6) Bromomethane	1.526	94	108387	236.202	ug/L		96
8) Chloroethane	1.587	64	82180	225.378	ug/L		97
9) Trichlorofluoromethane	1.754	101	384561	236.870	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	132377	228.381	ug/L		97
12) 1,1-Dichloroethene	2.121	96	127539	226.028	ug/L		90
13) Acetone	2.191	43	132115m	335.304	ug/L		
14) Carbon disulfide	2.294	76	296686	183.179	ug/L		99
15) Methyl Acetate	2.436	43	72358	172.800	ug/L	#	89
16) Methylene chloride	2.506	84	113906	175.796	ug/L		97
17) trans-1,2-Dichloroethene	2.761	96	123632	187.662	ug/L		97
18) Methyl tert-butyl Ether	2.767	73	441646	197.570	ug/L		94
19) 1,1-Dichloroethane	3.188	63	170449	164.072	ug/L		98
20) cis-1,2-Dichloroethene	3.908	96	133720	177.553	ug/L		98
22) 2-Butanone	3.976	43	120220m	310.611	ug/L		
23) Bromochloromethane	4.246	128	81316	186.600	ug/L		93
25) Chloroform	4.375	83	258062	183.173	ug/L		98
27) 1,2-Dichloroethane	5.127	62	252822	203.160	ug/L		97
29) Cyclohexane	4.680	56	127115	146.490	ug/L		82
30) 1,1,1-Trichloroethane	4.609	97	306870	185.630	ug/L		98
31) Carbon tetrachloride	4.828	117	312750	193.192	ug/L		96
33) Benzene	5.098	78	448493	164.100	ug/L		100
34) Trichloroethene	5.912	95	144155	169.815	ug/L		99
35) Methylcyclohexane	6.130	83	206692	172.944	ug/L		95
37) 1,2-Dichloropropane	6.172	63	79022	156.112	ug/L	#	95
38) Bromodichloromethane	6.506	83	204503	184.452	ug/L		99
39) cis-1,3-Dichloropropene	7.024	75	196595	182.282	ug/L		99
40) 4-Methyl-2-pentanone	7.227	43	229160	340.696	ug/L		95
42) Toluene	7.387	91	603908	177.918	ug/L		100
44) trans-1,3-Dichloropropene	7.648	75	230652	190.581	ug/L		98

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	119102	174.139 ug/L		97
46) Tetrachloroethene	7.976	164	161540	187.891 ug/L		97
48) 2-Hexanone	8.140	43	189230	353.086 ug/L		95
49) Dibromochloromethane	8.246	129	191631	198.622 ug/L		97
50) 1,2-Dibromoethane	8.349	107	130883	178.041 ug/L	#	98
51) Chlorobenzene	8.879	112	434254	186.067 ug/L		96
52) Ethylbenzene	9.011	91	691980	187.900 ug/L		99
53) m,p-Xylene	9.136	106	295014	190.570 ug/L		97
54) o-Xylene	9.542	106	288438	193.377 ug/L		99
55) Styrene	9.558	104	501984	197.631 ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.239	83	180150	212.491 ug/L		97
59) Bromoform	9.728	173	161516	163.134 ug/L		99
60) Isopropylbenzene	9.931	105	802081	151.569 ug/L		99
61) 1,2,3-Trichloropropane	10.271	75	174447	161.166 ug/L		99
62) 1,3,5-Trimethylbenzene	10.538	105	931492	188.427 ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	934110	189.642 ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	551273	185.099 ug/L		99
65) 1,4-Dichlorobenzene	11.271	146	556071	186.308 ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	538555	186.544 ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	76998	217.748 ug/L		97
69) 1,3,5-Trichlorobenzene	12.644	180	458769	191.491 ug/L		98
70) 1,2,4-trichlorobenzene	13.258	180	405390	190.642 ug/L		99
71) Naphthalene	13.500	128	1052074	192.636 ug/L		99
72) 1,2,3-Trichlorobenzene	13.744	180	387096	191.048 ug/L		99

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

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