Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020256.D
Acq On : 03 Feb 2021 15:04
Operator : SY/MD
Sample : VSTD01061
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD01061

Quant Time: Feb 03 15:56:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 15:54:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.621	114	614468	50.00	ug/L	#	0.00
28) Chlorobenzene-d5	8.855	117	602085	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	347592	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.309	65	25498	6.61	ug/L		0.00
7) Chloroethane-d5	1.569	69	22658	7.60	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.110	63	52183	8.55	ug/L		0.00
21) 2-Butanone-d5	3.904	46	42211	16.64	ug/L		0.00
24) Chloroform-d	4.354	84	67808	9.19	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.039	65	41885	8.88	ug/L		0.00
32) Benzene-d6	5.055	84	130127	8.73	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.074	67	39165	8.63	ug/L		0.00
41) Toluene-d8	7.322	98	128957	9.22	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.627	79	19187	8.53	ug/L		0.00
47) 2-Hexanone-d5	8.096	63	31009	15.36	ug/L		0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	59750	9.26	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	65937	10.28	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.129	85	36099	8.49	ug/L		100
3) Chloromethane	1.241	50	29328	6.50	ug/L		97
5) Vinyl chloride	1.312	62	31950	7.51	ug/L		95
6) Bromomethane	1.524	94	22992	9.21	ug/L		100
8) Chloroethane	1.585	64	20008	7.98	ug/L		97
9) Trichlorofluoromethane	1.753	101	54517	9.08	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	32515	10.05	ug/L	#	78
12) 1,1-Dichloroethene	2.119	96	30653	9.88	ug/L	#	61
13) Acetone	2.187	43	28962	18.46	ug/L		94
14) Carbon disulfide	2.296	76	84131	8.78	ug/L		99
15) Methyl Acetate	2.441	43	30473	7.96	ug/L	#	88
16) Methylene chloride	2.508	84	36855	9.50	ug/L		77
17) trans-1,2-Dichloroethene	2.762	96	34769	9.47	ug/L		83
18) Methyl tert-butyl Ether	2.772	73	103453	8.94	ug/L		94
19) 1,1-Dichloroethane	3.196	63	57696	8.64	ug/L		98
20) cis-1,2-Dichloroethene	3.920	96	37701	9.20	ug/L		80
22) 2-Butanone	3.990	43	38347	13.73	ug/L		89
23) Bromochloromethane	4.261	128	23048	10.31	ug/L	#	66
25) Chloroform	4.386	83	63945	8.83	ug/L		96
27) 1,2-Dichloroethane	5.138	62	46609	8.18	ug/L	#	88
29) Cyclohexane	4.682	56	45128	7.50	ug/L		85
30) 1,1,1-Trichloroethane	4.614	97	60063	8.82	ug/L	#	92
31) Carbon tetrachloride	4.830	117	51364	8.66	ug/L		99
33) Benzene	5.106	78	138017	8.63	ug/L		100
34) Trichloroethene	5.920	95	39178	9.02	ug/L		83
35) Methylcyclohexane	6.132	83	52864	8.42	ug/L		90
37) 1,2-Dichloropropane	6.180	63	32680	8.28	ug/L	#	92
38) Bromodichloromethane	6.514	83	44784	8.05	ug/L	#	96
39) cis-1,3-Dichloropropene	7.032	75	48842	7.66	ug/L		98
40) 4-Methyl-2-pentanone	7.231	43	78795	14.15	ug/L	#	86
42) Toluene	7.392	91	151110	8.80	ug/L		99
44) trans-1,3-Dichloropropene	7.656	75	49532	8.09	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	39074	9.67	ug/L		92
46) Tetrachloroethene	7.981	164	38291	10.15	ug/L		90
48) 2-Hexanone	8.145	43	60126	14.68	ug/L	#	86
49) Dibromochloromethane	8.251	129	43561	9.45	ug/L		96
50) 1,2-Dibromoethane	8.357	107	40822	9.28	ug/L	#	96
51) Chlorobenzene	8.887	112	113426	9.82	ug/L		92
52) Ethylbenzene	9.016	91	168575	9.11	ug/L		96
53) m,p-Xylene	9.145	106	66623	9.17	ug/L		87
54) o-xylene	9.550	106	65561	9.44	ug/L		89
55) Styrene	9.566	104	108558	8.90	ug/L		94
56) Isopropylbenzene	9.936	105	170262	9.23	ug/L		95
58) 1,1,2,2-Tetrachloroethane	10.247	83	58500	8.84	ug/L	#	95
59) 1,2,3-Trichloropropane	10.280	75	47519	8.85	ug/L		100
61) Bromoform	9.736	173	34558	9.43	ug/L	#	98
62) 1,3-Dichlorobenzene	11.186	146	99588	9.88	ug/L		95
63) 1,4-Dichlorobenzene	11.280	146	104049	10.00	ug/L		95
65) 1,2-Dichlorobenzene	11.649	146	100069	9.82	ug/L		95
66) 1,2-Dibromo-3-chloropr...	12.437	75	12042	7.82	ug/L	#	51
67) 1,3,5-Trichlorobenzene	12.652	180	86681	10.04	ug/L		97
68) 1,2,4-trichlorobenzene	13.270	180	75245	9.57	ug/L		96
69) Naphthalene	13.511	128	175778	8.01	ug/L		99
70) 1,2,3-Trichlorobenzene	13.752	180	76160	9.77	ug/L		97

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

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