Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011121\
Data File : VV019961.D
Acq On : 11 Jan 2021 12:20
Operator : SY/MD
Sample : VSTD01063
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD01063

Quant Time: Jan 11 13:20:48 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 11 13:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.621	114	388999	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.858	117	376120	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	198271	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.309	65	33395	10.87	ug/L		0.00
7) Chloroethane-d5	1.569	69	26911	11.02	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.113	63	66295	11.33	ug/L		0.00
21) 2-Butanone-d5	3.910	46	40606	18.41	ug/L		0.02
24) Chloroform-d	4.357	84	59650	10.36	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.042	65	40637	10.74	ug/L		0.00
32) Benzene-d6	5.058	84	105584	9.74	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.077	67	33990	9.65	ug/L		0.00
41) Toluene-d8	7.325	98	94193	9.73	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.630	79	15864	8.98	ug/L		0.00
47) 2-Hexanone-d5	8.096	63	21314	14.90	ug/L		0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	42050	9.11	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	37807	9.92	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.132	85	38017	11.85	ug/L		100
3) Chloromethane	1.245	50	36848	9.88	ug/L		99
5) Vinyl chloride	1.312	62	37230	10.17	ug/L		98
6) Bromomethane	1.524	94	23767	10.67	ug/L		99
8) Chloroethane	1.589	64	22271	9.77	ug/L		99
9) Trichlorofluoromethane	1.756	101	52077	11.38	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.122	101	29184	11.34	ug/L		94
12) 1,1-Dichloroethene	2.122	96	26447	10.34	ug/L		91
13) Acetone	2.190	43	39925	22.80	ug/L		97
14) Carbon disulfide	2.296	76	79561	9.74	ug/L		98
15) Methyl Acetate	2.441	43	31021	8.91	ug/L		97
16) Methylene chloride	2.511	84	28431	9.10	ug/L		97
17) trans-1,2-Dichloroethene	2.765	96	27125	9.72	ug/L		98
18) Methyl tert-butyl Ether	2.772	73	87139	9.30	ug/L		98
19) 1,1-Dichloroethane	3.196	63	52118	9.32	ug/L		98
20) cis-1,2-Dichloroethene	3.920	96	29280	9.62	ug/L		91
22) 2-Butanone	3.990	43	41264	17.05	ug/L	#	69
23) Bromochloromethane	4.260	128	15361	10.11	ug/L		89
25) Chloroform	4.383	83	56029	10.04	ug/L		99
27) 1,2-Dichloroethane	5.138	62	44679	9.67	ug/L		96
29) Cyclohexane	4.685	56	42842	8.92	ug/L		97
30) 1,1,1-Trichloroethane	4.614	97	47820	9.71	ug/L		99
31) Carbon tetrachloride	4.833	117	41087	10.07	ug/L		97
33) Benzene	5.106	78	107779	9.13	ug/L		100
34) Trichloroethene	5.923	95	31896	10.06	ug/L		95
35) Methylcyclohexane	6.138	83	42920	9.08	ug/L		99
37) 1,2-Dichloropropane	6.180	63	27491	8.71	ug/L	#	95
38) Bromodichloromethane	6.518	83	39701	9.45	ug/L		99
39) cis-1,3-Dichloropropene	7.035	75	39135	8.06	ug/L		97
40) 4-Methyl-2-pentanone	7.235	43	81364	17.22	ug/L		98
42) Toluene	7.395	91	112475	9.24	ug/L		99
44) trans-1,3-Dichloropropene	7.659	75	40594	8.50	ug/L		96

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Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	26966	9.21	ug/L		98
46) Tetrachloroethene	7.981	164	22484	10.43	ug/L		95
48) 2-Hexanone	8.148	43	62888	17.29	ug/L		94
49) Dibromochloromethane	8.251	129	29355	9.55	ug/L		93
50) 1,2-Dibromoethane	8.360	107	29268	9.48	ug/L	#	100
51) Chlorobenzene	8.887	112	75556	9.67	ug/L		97
52) Ethylbenzene	9.019	91	126099	9.17	ug/L		100
53) m,p-Xylene	9.145	106	44523	8.89	ug/L		95
54) o-xylene	9.550	106	44144	8.97	ug/L		99
55) Styrene	9.569	104	74233	8.73	ug/L		97
56) Isopropylbenzene	9.939	105	119551	9.08	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.247	83	40714	8.80	ug/L		99
59) 1,2,3-Trichloropropane	10.280	75	38522	9.53	ug/L		100
61) Bromoform	9.739	173	18596	8.97	ug/L		99
62) 1,3-Dichlorobenzene	11.189	146	58014	9.52	ug/L		99
63) 1,4-Dichlorobenzene	11.280	146	59186	9.43	ug/L		99
65) 1,2-Dichlorobenzene	11.649	146	59106	9.50	ug/L		99
66) 1,2-Dibromo-3-chloropr...	12.437	75	8507	7.35	ug/L		97
67) 1,3,5-Trichlorobenzene	12.652	180	42624	9.61	ug/L		99
68) 1,2,4-trichlorobenzene	13.270	180	36300	9.21	ug/L		98
69) Naphthalene	13.511	128	89738	7.38	ug/L		100
70) 1,2,3-Trichlorobenzene	13.752	180	35349	9.22	ug/L		99

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

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