Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
Data File : VU041963.D
Acq On : 12 Jan 2021 10:09
Operator : SY/MD
Sample : VSTD01033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD010303

Quant Time: Jan 13 05:51:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 13 05:49:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	262434	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216502	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	103931	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25886	11.89	ug/L	0.00
7) Chloroethane-d5	1.919	69	21429	12.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	40906	10.91	ug/L	0.00
21) 2-Butanone-d5	4.646	46	38344	23.33	ug/L	0.00
24) Chloroform-d	5.080	84	40838	11.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.717	65	26787	11.31	ug/L	0.00
32) Benzene-d6	5.742	84	79155	11.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	25673	12.52	ug/L	0.00
41) Toluene-d8	7.903	98	58558	9.71	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.183	79	10955	10.40	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	22436	19.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	32500	10.59	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	20450	9.44	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	23889	10.55	ug/L	95
3) Chloromethane	1.524	50	28037	12.81	ug/L	94
5) Vinyl chloride	1.607	62	28548	11.88	ug/L	97
6) Bromomethane	1.865	94	17424	10.30	ug/L	99
8) Chloroethane	1.939	64	17738	11.37	ug/L	95
9) Trichlorofluoromethane	2.144	101	35477	10.52	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	19218	10.40	ug/L	97
12) 1,1-Dichloroethene	2.591	96	17842	10.18	ug/L	94
13) Acetone	2.649	43	34869	27.74	ug/L	98
14) Carbon disulfide	2.803	76	60889	10.75	ug/L	98
15) Methyl Acetate	2.964	43	26370	11.35	ug/L	100
16) Methylene chloride	3.061	84	22138	10.91	ug/L	99
17) trans-1,2-Dichloroethene	3.366	96	20906	11.49	ug/L	95
18) Methyl tert-butyl Ether	3.379	73	61771	10.77	ug/L	98
19) 1,1-Dichloroethane	3.890	63	40304	11.83	ug/L	97
20) cis-1,2-Dichloroethene	4.681	96	22261	11.21	ug/L	87
22) 2-Butanone	4.726	43	45169	25.33	ug/L	100
23) Bromochloromethane	4.993	128	10963	10.44	ug/L	91
25) Chloroform	5.106	83	41694	11.79	ug/L	93
27) 1,2-Dichloroethane	5.807	62	32091	11.65	ug/L	99
29) Cyclohexane	5.401	56	32128	11.94	ug/L	99
30) 1,1,1-Trichloroethane	5.331	97	34887	12.38	ug/L	100
31) Carbon tetrachloride	5.540	117	28815	11.78	ug/L	98
33) Benzene	5.787	78	86211	11.92	ug/L	100
34) Trichloroethene	6.552	95	21117	11.65	ug/L	94
35) Methylcyclohexane	6.771	83	26356	9.28	ug/L	94
37) 1,2-Dichloropropane	6.803	63	22962	12.83	ug/L	98
38) Bromodichloromethane	7.115	83	26198	10.96	ug/L	98
39) cis-1,3-Dichloropropene	7.614	75	28565	10.09	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	59675	22.18	ug/L	99
42) Toluene	7.974	91	73646	10.03	ug/L	96
44) trans-1,3-Dichloropropene	8.215	75	28335	10.27	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.405	97	19017	10.78	ug/L	95
46) Tetrachloroethene	8.559	164	12526	9.37	ug/L	94
48) 2-Hexanone	8.691	43	51984	23.78	ug/L	96
49) Dibromochloromethane	8.813	129	19727	10.49	ug/L	99
50) 1,2-Dibromoethane	8.925	107	19055	10.42	ug/L	96
51) Chlorobenzene	9.449	112	46702	10.10	ug/L	99
52) Ethylbenzene	9.572	91	76548	9.94	ug/L	100
53) m,p-Xylene	9.694	106	28381	9.74	ug/L	93
54) o-xylene	10.099	106	27017	9.47	ug/L	99
55) Styrene	10.112	104	47084	9.65	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.781	83	33804	11.01	ug/L	97
59) Bromoform	10.289	173	13964	10.05	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	27728	11.34	ug/L	98
61) Isopropylbenzene	10.482	105	70189	9.76	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	56133	9.37	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	54664	9.01	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	32562	9.57	ug/L	97
65) 1,4-Dichlorobenzene	11.829	146	33252	9.69	ug/L	97
67) 1,2-Dichlorobenzene	12.205	146	33912	9.65	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.986	75	8166	10.57	ug/L	95
69) 1,3,5-Trichlorobenzene	13.208	180	20634	8.55	ug/L	98
70) 1,2,4-trichlorobenzene	13.829	180	14645	7.62	ug/L	98
71) Naphthalene	14.073	128	41083	6.51	ug/L	99
72) 1,2,3-Trichlorobenzene	14.317	180	15505	8.00	ug/L	98

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

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