Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110220\
Data File : VX019207.D
Acq On : 02 Nov 2020 12:01
Operator : JC/MD
Sample : VSTD10035
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD100405

Manual Integrations APPROVED
MMDadoda
11/4/2020 10:40:52 AM

Quant Time: Nov 02 13:07:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 02 12:49:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	457894	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	429084	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	218952	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	387867	121.70	ug/L	0.00
7) Chloroethane-d5	1.70	69	287808	118.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.35	63	660615	106.59	ug/L	0.00
21) 2-Butanone-d5	4.53	46	419777	209.62	ug/L	0.00
24) Chloroform-d	5.14	84	647821	110.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	413966	95.75	ug/L	0.00
32) Benzene-d6	6.05	84	1311722	115.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	388408	110.74	ug/L	0.00
41) Toluene-d8	8.70	98	1230312	110.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	212979	107.58	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	347571	238.50	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	498541	107.95	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	435477	103.30	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	316050	84.217	ug/L	100
3) Chloromethane	1.31	50	316654	104.582	ug/L	99
5) Vinyl chloride	1.39	62	359018	106.868	ug/L	99
6) Bromomethane	1.64	94	239871	127.069	ug/L	100
8) Chloroethane	1.72	64	227508	113.274	ug/L	99
9) Trichlorofluoromethane	1.92	101	545002	98.346	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	313911	103.284	ug/L	100
12) 1,1-Dichloroethene	2.36	96	302448m	105.593	ug/L	
13) Acetone	2.42	43	272834	187.509	ug/L	99
14) Carbon disulfide	2.56	76	913649	105.275	ug/L	99
15) Methyl Acetate	2.75	43	300784	97.927	ug/L	99
16) Methylene chloride	2.84	84	334245	105.806	ug/L	98
17) trans-1,2-Dichloroethene	3.14	96	325345	107.029	ug/L	100
18) Methyl tert-butyl Ether	3.17	73	1048513	108.045	ug/L	100
19) 1,1-Dichloroethane	3.67	63	576911	103.225	ug/L	98
20) cis-1,2-Dichloroethene	4.56	96	360933	108.324	ug/L	98
22) 2-Butanone	4.64	43	436570	198.004	ug/L	99
23) Bromochloromethane	4.98	128	181522	101.468	ug/L	95
25) Chloroform	5.18	83	611520	99.093	ug/L	99
27) 1,2-Dichloroethane	6.16	62	479577	97.292	ug/L	100
29) Cyclohexane	5.55	56	540459	113.490	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	564416	99.662	ug/L	100
31) Carbon tetrachloride	5.75	117	486339	96.238	ug/L	99
33) Benzene	6.11	78	1340774	110.846	ug/L	100
34) Trichloroethene	7.18	95	363063	107.780	ug/L	98
35) Methylcyclohexane	7.44	83	586192	118.234	ug/L	100
37) 1,2-Dichloropropane	7.49	63	332964	105.149	ug/L	100
38) Bromodichloromethane	7.87	83	471999	104.839	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	565964	110.608	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	852143	206.881	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	1465729	112.570	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	558380	107.724	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	328300	107.219	ug/L	99
46) Tetrachloroethene	9.32	164	274677	101.103	ug/L	96
48) 2-Hexanone	9.47	43	685049	210.500	ug/L	100
49) Dibromochloromethane	9.56	129	374206	99.050	ug/L	100
50) 1,2-Dibromoethane	9.65	107	349849	104.411	ug/L	98
51) Chlorobenzene	10.12	112	915464	105.858	ug/L	99
52) Ethylbenzene	10.23	91	1614768	111.540	ug/L	99
53) m,p-Xylene	10.34	106	613369	111.679	ug/L	97
54) o-Xylene	10.68	106	603711	114.203	ug/L	95
55) Styrene	10.70	104	1039772	114.144	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	487709	105.395	ug/L	99
59) Bromoform	10.84	173	275145	98.105	ug/L	99
60) Isopropylbenzene	11.00	105	1589946	111.215	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	409410	103.052	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	1358304	115.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	1304609	110.373	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	715515	103.987	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	707430	101.851	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	683352	103.121	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.98	75	115287	101.221	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	497236	107.557	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	461362	108.081	ug/L	97
71) Naphthalene	13.82	128	1562934	117.418	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	456784	108.493	ug/L	98

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

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