Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092120\
Data File : VX018509.D
Acq On : 21 Sep 2020 12:24
Operator : JC/SP
Sample : VSTD01032
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD010402

Manual Integrations APPROVED
MMDadoda
10/6/2020 1:12:53 PM

Quant Time: Sep 22 01:17:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 00:58:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	649007	50.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	610253	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	299161	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	42109	9.49	ug/L		0.00
7) Chloroethane-d5	1.70	69	32012	9.67	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.35	63	83358	9.12	ug/L		0.00
21) 2-Butanone-d5	4.53	46	55316	18.16	ug/L		0.00
24) Chloroform-d	5.14	84	79267	9.10	ug/L		0.00
26) 1,2-Dichloroethane-d4	6.04	65	62197	9.74	ug/L		0.00
32) Benzene-d6	6.05	84	156634	9.34	ug/L		0.00
36) 1,2-Dichloropropane-d6	7.37	67	49272	9.54	ug/L		0.00
41) Toluene-d8	8.70	98	149151	9.28	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.99	79	28154	9.37	ug/L		0.00
47) 2-Hexanone-d5	9.43	63	36508	16.03	ug/L		0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	63966	9.27	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	56975	9.59	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	48819	8.749	ug/L		99
3) Chloromethane	1.31	50	39047	9.283	ug/L		97
5) Vinyl chloride	1.39	62	42022	8.823	ug/L		97
6) Bromomethane	1.64	94	20629	8.292	ug/L		90
8) Chloroethane	1.72	64	25176	8.861	ug/L		97
9) Trichlorofluoromethane	1.92	101	71777	8.887	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	39412	8.939	ug/L		97
12) 1,1-Dichloroethene	2.36	96	37858	9.106	ug/L		93
13) Acetone	2.42	43	37833	18.148	ug/L		97
14) Carbon disulfide	2.55	76	111010	8.706	ug/L		96
15) Methyl Acetate	2.75	43	41196	9.063	ug/L	#	91
16) Methylene chloride	2.83	84	40392	9.002	ug/L		96
17) trans-1,2-Dichloroethene	3.15	96	38950	9.007	ug/L		93
18) Methyl tert-butyl Ether	3.17	73	119037	8.302	ug/L		98
19) 1,1-Dichloroethane	3.67	63	71400	8.788	ug/L		97
20) cis-1,2-Dichloroethene	4.56	96	40841	8.721	ug/L		90
22) 2-Butanone	4.64	43	56374	17.169	ug/L		85
23) Bromochloromethane	4.99	128	24134	9.102	ug/L		95
25) Chloroform	5.18	83	83772	9.167	ug/L		98
27) 1,2-Dichloroethane	6.16	62	65093	8.842	ug/L	#	93
29) Cyclohexane	5.56	56	58115m	8.426	ug/L		
30) 1,1,1-Trichloroethane	5.46	97	75850	9.149	ug/L		98
31) Carbon tetrachloride	5.76	117	66215	8.727	ug/L		99
33) Benzene	6.12	78	157200	8.920	ug/L		100
34) Trichloroethene	7.19	95	43151	8.972	ug/L		97
35) Methylcyclohexane	7.44	83	58323	8.071	ug/L		95
37) 1,2-Dichloropropane	7.49	63	39474	8.653	ug/L		98
38) Bromodichloromethane	7.88	83	57529	8.673	ug/L		98
39) cis-1,3-Dichloropropene	8.42	75	60741	8.023	ug/L		97
40) 4-Methyl-2-pentanone	8.62	43	102215	16.094	ug/L		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	8.77	91	159382	8.240	ug/L		97
44) trans-1,3-Dichloropropene	9.02	75	63999	8.382	ug/L		97
45) 1,1,2-Trichloroethane	9.20	97	38955	8.534	ug/L		96
46) Tetrachloroethene	9.32	164	34169	8.535	ug/L		95
48) 2-Hexanone	9.48	43	79110	16.021	ug/L		99
49) Dibromochloromethane	9.56	129	48131	8.469	ug/L		94
50) 1,2-Dibromoethane	9.65	107	43117	8.728	ug/L	#	97
51) Chlorobenzene	10.12	112	110789	8.656	ug/L		96
52) Ethylbenzene	10.24	91	175535	8.202	ug/L		96
53) m,p-Xylene	10.34	106	64823	7.767	ug/L		90
54) o-Xylene	10.68	106	61260	7.580	ug/L		98
55) Styrene	10.70	104	108235	7.843	ug/L		93
57) 1,1,2,2-Tetrachloroethane	11.25	83	59792	8.646	ug/L		100
59) Bromoform	10.84	173	35114	8.715	ug/L		98
60) Isopropylbenzene	11.01	105	170576	8.589	ug/L		98
61) 1,2,3-Trichloropropane	11.28	75	52645	9.937	ug/L		95
62) 1,3,5-Trimethylbenzene	11.49	105	132898	8.070	ug/L		97
63) 1,2,4-Trimethylbenzene	11.79	105	134218	7.936	ug/L		99
64) 1,3-Dichlorobenzene	12.01	146	84829	8.945	ug/L		96
65) 1,4-Dichlorobenzene	12.08	146	87517	9.100	ug/L		91
67) 1,2-Dichlorobenzene	12.37	146	80775	8.792	ug/L		94
68) 1,2-Dibromo-3-chloropropan	12.98	75	13724	8.671	ug/L		96
69) 1,3,5-Trichlorobenzene	13.15	180	55897	9.138	ug/L		93
70) 1,2,4-trichlorobenzene	13.63	180	51409	9.207	ug/L		94
71) Naphthalene	13.82	128	144305	7.611	ug/L		100
72) 1,2,3-Trichlorobenzene	14.01	180	48934	8.225	ug/L		97

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

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