Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
Data File : VX023641.D
Acq On : 11 Aug 2021 09:20
Operator : JC/MD
Sample : VSTD01007
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD010607

Manual Integrations APPROVED
MMDadoda
8/13/2021 3:44:13 PM

Quant Time: Aug 11 11:47:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM081121WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 11 11:44:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.769	114	332827	50.000	ug/L		0.00
28) Chlorobenzene-d5	10.055	117	301170	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139662	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.368	65	17942	7.665	ug/L		0.00
7) Chloroethane-d5	1.666	69	14603	8.202	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.313	63	37632	8.493	ug/L		0.00
21) 2-Butanone-d5	4.465	46	33353	17.423	ug/L		0.00
24) Chloroform-d	5.068	84	38988	8.735	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.964	65	28015	9.464	ug/L		0.00
32) Benzene-d6	5.983	84	77733	8.518	ug/L		0.00
36) 1,2-Dichloropropane-d6	7.312	67	24421	8.508	ug/L		0.00
41) Toluene-d8	8.653	98	73626	8.762	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.952	79	10585	7.571	ug/L		0.00
47) 2-Hexanone-d5	9.391	63	22229	15.982	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	32965	8.414	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	25172	9.034	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.173	85	18852	7.916	ug/L		100
3) Chloromethane	1.294	50	18353	7.862	ug/L		98
5) Vinyl chloride	1.374	62	18347	7.282	ug/L		97
6) Bromomethane	1.605	94	12125	9.500	ug/L		95
8) Chloroethane	1.691	64	11900	7.918	ug/L		94
9) Trichlorofluoromethane	1.892	101	30999	8.561	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	17937	8.334	ug/L		98
12) 1,1-Dichloroethene	2.325	96	15241	7.504	ug/L		98
13) Acetone	2.386	43	30042	21.043	ug/L		94
14) Carbon disulfide	2.514	76	29649	5.358	ug/L		95
15) Methyl Acetate	2.715	43	22349	8.182	ug/L		95
16) Methylene chloride	2.794	84	19330	7.713	ug/L		91
17) trans-1,2-Dichloroethene	3.093	96	16543	7.484	ug/L		92
18) Methyl tert-butyl Ether	3.123	73	59962	7.874	ug/L	#	96
19) 1,1-Dichloroethane	3.617	63	32897	7.876	ug/L		95
20) cis-1,2-Dichloroethene	4.495	96	19653	7.741	ug/L		92
22) 2-Butanone	4.568	43	37636	17.472	ug/L		92
23) Bromochloromethane	4.910	128	10049	8.360	ug/L		98
25) Chloroform	5.099	83	36114	8.386	ug/L		96
27) 1,2-Dichloroethane	6.092	62	29184	8.566	ug/L		97
29) Cyclohexane	5.483	56	27040	7.066	ug/L		96
30) 1,1,1-Trichloroethane	5.397	97	29570m	8.135	ug/L		
31) Carbon tetrachloride	5.684	117	23967	7.937	ug/L		99
33) Benzene	6.044	78	74297	7.903	ug/L		100
34) Trichloroethene	7.129	95	19311	8.013	ug/L		90
35) Methylcyclohexane	7.385	83	26906	6.907	ug/L		98
37) 1,2-Dichloropropane	7.440	63	19644	7.996	ug/L		100
38) Bromodichloromethane	7.830	83	23456	7.698	ug/L		95
39) cis-1,3-Dichloropropene	8.372	75	26700	7.145	ug/L		99
40) 4-Methyl-2-pentanone	8.580	43	62488	16.116	ug/L	#	90
42) Toluene	8.720	91	79819	7.932	ug/L		98
44) trans-1,3-Dichloropropene	8.982	75	26160	7.087	ug/L		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	9.159	97	20148	8.482	ug/L		99
46) Tetrachloroethene	9.275	164	14799	8.907	ug/L		92
48) 2-Hexanone	9.433	43	52582	16.911	ug/L	#	86
49) Dibromochloromethane	9.525	129	17641	7.719	ug/L		98
50) 1,2-Dibromoethane	9.616	107	19889	8.129	ug/L		97
51) Chlorobenzene	10.079	112	53478	8.386	ug/L		98
52) Ethylbenzene	10.195	91	85641	7.673	ug/L		94
53) m,p-Xylene	10.305	106	31637	7.392	ug/L		97
54) o-Xylene	10.646	106	32499	7.811	ug/L		94
55) Styrene	10.659	104	52277	7.454	ug/L		98
57) 1,1,2,2-Tetrachloroethane	11.213	83	30899	8.060	ug/L		93
59) Bromoform	10.805	173	12293	8.478	ug/L		98
60) Isopropylbenzene	10.963	105	85532	7.784	ug/L		100
61) 1,2,3-Trichloropropane	11.244	75	27136	8.575	ug/L		98
62) 1,3,5-Trimethylbenzene	11.457	105	67479	7.329	ug/L		98
63) 1,2,4-Trimethylbenzene	11.756	105	70448	7.575	ug/L		99
64) 1,3-Dichlorobenzene	11.969	146	38416	8.519	ug/L		97
65) 1,4-Dichlorobenzene	12.043	146	37802	8.367	ug/L		96
67) 1,2-Dichlorobenzene	12.341	146	37583	8.308	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.945	75	5437	6.950	ug/L		91
69) 1,3,5-Trichlorobenzene	13.116	180	25110	8.538	ug/L		99
70) 1,2,4-trichlorobenzene	13.591	180	20480	7.764	ug/L		99
71) Naphthalene	13.780	128	70091	6.574	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	21727	8.188	ug/L		99

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

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