

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024638.D
 Acq On : 07 Oct 2021 11:02
 Operator : JC/MD
 Sample : VSTD20015
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200615

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 9:38:47 AM

Quant Time: Oct 07 11:28:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 11:18:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	301192	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	288944	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	155981	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	376141	174.33	ug/L	0.00
7) Chloroethane-d5	1.648	69	242795	154.27	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.307	63	695796	173.93	ug/L	0.00
21) 2-Butanone-d5	4.471	46	617770	358.41	ug/L	0.00
24) Chloroform-d	5.062	84	758217	186.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	511070	190.39	ug/L	0.00
32) Benzene-d6	5.983	84	1463177	165.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	488055	175.89	ug/L	0.00
41) Toluene-d8	8.653	98	1503129	184.27	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	262881	191.90	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	511024	385.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	712860	189.70	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	575696	182.22	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	508014	224.14	ug/L	100
3) Chloromethane	1.295	50	433649	200.95	ug/L	99
5) Vinyl chloride	1.374	62	446526	192.08	ug/L	100
6) Bromomethane	1.599	94	212892	185.79	ug/L	97
8) Chloroethane	1.673	64	224527	168.48	ug/L	99
9) Trichlorofluoromethane	1.880	101	603227	187.38	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	354889	182.66	ug/L	96
12) 1,1-Dichloroethene	2.313	96	327842m	178.06	ug/L	
13) Acetone	2.392	43	482965	366.02	ug/L	91
14) Carbon disulfide	2.508	76	921084	171.59	ug/L	98
15) Methyl Acetate	2.709	43	425719	171.13	ug/L	93
16) Methylene chloride	2.788	84	364945	159.13	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	365267	177.85	ug/L	94
18) Methyl tert-butyl Ether	3.123	73	1244531	180.30	ug/L	97
19) 1,1-Dichloroethane	3.611	63	683332	179.67	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	422868	182.36	ug/L	98
22) 2-Butanone	4.568	43	720914	367.05	ug/L	92
23) Bromochloromethane	4.904	128	219042	198.80	ug/L	98
25) Chloroform	5.099	83	755840	191.58	ug/L	100
27) 1,2-Dichloroethane	6.092	62	630386	204.23	ug/L	96
29) Cyclohexane	5.477	56	654679	172.30	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	705640	197.50	ug/L	99
31) Carbon tetrachloride	5.684	117	628736	210.53	ug/L	99
33) Benzene	6.044	78	1602986	174.03	ug/L	100
34) Trichloroethene	7.129	95	469647	199.34	ug/L	97
35) Methylcyclohexane	7.385	83	765906	197.02	ug/L	97
37) 1,2-Dichloropropane	7.440	63	443013	187.65	ug/L	99
38) Bromodichloromethane	7.824	83	593541	200.35	ug/L	100
39) cis-1,3-Dichloropropene	8.373	75	740922	203.18	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1357028	367.08	ug/L	96
42) Toluene	8.726	91	1897191	193.32	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	716313	200.15	ug/L	100

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45) 1,1,2-Trichloroethane	9.159	97	448426	196.14	ug/L	98
46) Tetrachloroethene	9.275	164	366625	222.88	ug/L	95
48) 2-Hexanone	9.439	43	1087937	365.11	ug/L	94
49) Dibromochloromethane	9.525	129	512709	232.80	ug/L	96
50) 1,2-Dibromoethane	9.616	107	494560	210.84	ug/L	100
51) Chlorobenzene	10.086	112	1215653	201.13	ug/L	95
52) Ethylbenzene	10.195	91	2062668	191.44	ug/L	95
53) m,p-Xylene	10.305	106	843298	203.24	ug/L	96
54) o-Xylene	10.647	106	818358	203.33	ug/L	90
55) Styrene	10.659	104	1409344	208.14	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	721415	198.30	ug/L	100
59) Bromoform	10.805	173	389155	242.76	ug/L	98
60) Isopropylbenzene	10.964	105	2109513	172.51	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	584493	168.36	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	1867655	181.05	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	1866419	179.81	ug/L	100
64) 1,3-Dichlorobenzene	11.976	146	988624	195.46	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	985775	196.33	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	935522	183.65	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	180891	204.66	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	743937	227.73	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	645347	220.21	ug/L	97
71) Naphthalene	13.780	128	2242916	189.06	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	663805	224.05	ug/L	97

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

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