

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024634.D
 Acq On : 07 Oct 2021 09:27
 Operator : JC/MD
 Sample : VSTD00511
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005611

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 9:38:43 AM

Quant Time: Oct 07 11:18:26 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	307712	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	270618	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120900	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	10279	4.66	ug/L	0.00
7) Chloroethane-d5	1.666	69	6168	3.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	18554	4.54	ug/L	0.00
21) 2-Butanone-d5	4.470	46	14756	8.38	ug/L	0.00
24) Chloroform-d	5.062	84	18333	4.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	14144	5.16	ug/L	0.00
32) Benzene-d6	5.976	84	40008	4.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	11808	4.54	ug/L	0.00
41) Toluene-d8	8.653	98	37469	4.90	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	5712	4.45	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	10172	8.18	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	15252	4.33	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	12478	5.10	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	14512	6.27	ug/L	100
3) Chloromethane	1.294	50	11762	5.33	ug/L	98
5) Vinyl chloride	1.373	62	11763	4.95	ug/L	95
6) Bromomethane	1.611	94	6494	5.55	ug/L	100
8) Chloroethane	1.690	64	6053	4.45	ug/L	99
9) Trichlorofluoromethane	1.892	101	15826	4.81	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9678	4.88	ug/L	96
12) 1,1-Dichloroethene	2.318	96	8291	4.41	ug/L #	66
13) Acetone	2.386	43	18181	13.49	ug/L	90
14) Carbon disulfide	2.514	76	26699	4.87	ug/L	98
15) Methyl Acetate	2.709	43	13105	5.16	ug/L	94
16) Methylene chloride	2.794	84	11615	4.96	ug/L	92
17) trans-1,2-Dichloroethene	3.099	96	10266	4.89	ug/L	89
18) Methyl tert-butyl Ether	3.123	73	33005	4.68	ug/L	99
19) 1,1-Dichloroethane	3.617	63	19341	4.98	ug/L	98
20) cis-1,2-Dichloroethene	4.501	96	11358	4.79	ug/L	91
22) 2-Butanone	4.562	43	22427	11.18	ug/L	93
23) Bromochloromethane	4.903	128	6131	5.45	ug/L	97
25) Chloroform	5.098	83	22747	5.64	ug/L	99
27) 1,2-Dichloroethane	6.098	62	16234	5.15	ug/L #	94
29) Cyclohexane	5.476	56	16929m	4.76	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	18100	5.41	ug/L	98
31) Carbon tetrachloride	5.678	117	16023	5.73	ug/L	98
33) Benzene	6.037	78	43734	5.07	ug/L	100
34) Trichloroethene	7.129	95	12067	5.47	ug/L	96
35) Methylcyclohexane	7.385	83	18036	4.95	ug/L	99
37) 1,2-Dichloropropane	7.433	63	11375	5.14	ug/L	98
38) Bromodichloromethane	7.824	83	13860	5.00	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	14613	4.28	ug/L	96
40) 4-Methyl-2-pentanone	8.579	43	33153	9.58	ug/L	94
42) Toluene	8.720	91	47218	5.14	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	15336	4.58	ug/L	96

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45) 1,1,2-Trichloroethane	9.153	97	11073	5.17	ug/L	96
46) Tetrachloroethene	9.281	164	9244	6.00	ug/L	95
48) 2-Hexanone	9.433	43	27799	9.96	ug/L	91
49) Dibromochloromethane	9.524	129	10522	5.10	ug/L	84
50) 1,2-Dibromoethane	9.610	107	12014	5.47	ug/L #	98
51) Chlorobenzene	10.079	112	28975	5.12	ug/L	98
52) Ethylbenzene	10.195	91	46867	4.64	ug/L	97
53) m,p-Xylene	10.305	106	16498	4.25	ug/L	87
54) o-Xylene	10.646	106	17203	4.56	ug/L	90
55) Styrene	10.658	104	28232	4.45	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	16231	4.76	ug/L	99
59) Bromoform	10.805	173	6449	5.19	ug/L	96
60) Isopropylbenzene	10.963	105	42989	4.54	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	13911	5.17	ug/L	100
62) 1,3,5-Trimethylbenzene	11.457	105	36500	4.56	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	36944	4.59	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	19900	5.08	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	20289	5.21	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	20013	5.07	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	3411	4.98	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	14800	5.84	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	11634	5.12	ug/L	99
71) Naphthalene	13.780	128	33008	3.59	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11843	5.16	ug/L	98

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

