

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026096.D
 Acq On : 28 Dec 2021 14:19
 Operator : JC/MD
 Sample : VSTD00560
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005660

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2021
 Supervised By : Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 03:45:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 03:36:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	247405	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	215182	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99832	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	9217	5.135	ug/L	0.00
7) Chloroethane-d5	1.672	69	6697	4.717	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	15985	4.555	ug/L	0.00
21) 2-Butanone-d5	4.465	46	11659	7.795	ug/L	0.00
24) Chloroform-d	5.056	84	15148	4.341	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	9921	4.241	ug/L	0.00
32) Benzene-d6	5.977	84	29649	4.750	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	9147	4.723	ug/L	0.00
41) Toluene-d8	8.653	98	26624	4.589	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	4103	4.776	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	7522	7.668	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	11972	4.273	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	9118	4.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	9292	3.739	ug/L	97
3) Chloromethane	1.294	50	8505	3.756	ug/L	95
5) Vinyl chloride	1.374	62	8558	3.775	ug/L	93
6) Bromomethane	1.618	94	4908	3.836	ug/L	88
8) Chloroethane	1.691	64	5021	3.685	ug/L	98
9) Trichlorofluoromethane	1.892	101	12033	3.500	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	6110	3.447	ug/L	99
12) 1,1-Dichloroethene	2.325	96	6105	3.694	ug/L	92
13) Acetone	2.386	43	11596	12.494	ug/L	99
14) Carbon disulfide	2.514	76	20111	4.304	ug/L	99
15) Methyl Acetate	2.709	43	7685	3.406	ug/L	92
16) Methylene chloride	2.788	84	7076	3.713	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	6224	3.557	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	20398	3.601	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	11327	3.434	ug/L	96
20) cis-1,2-Dichloroethene	4.501	96	6800m	3.484	ug/L	
22) 2-Butanone	4.562	43	13642	8.551	ug/L	97
23) Bromochloromethane	4.904	128	3517	3.625	ug/L #	97
27) 1,2-Dichloroethane	6.086	62	9523	3.378	ug/L	96
29) Cyclohexane	5.471	56	9784	3.430	ug/L #	94
30) 1,1,1-Trichloroethane	5.391	97	9929	3.746	ug/L	98
31) Carbon tetrachloride	5.678	117	8788	3.789	ug/L	97
33) Benzene	6.044	78	24534	3.597	ug/L	100
34) Trichloroethene	7.129	95	6538	3.710	ug/L	94
35) Methylcyclohexane	7.385	83	8929	3.225	ug/L #	28
37) 1,2-Dichloropropane	7.434	63	6367	3.685	ug/L #	93
38) Bromodichloromethane	7.824	83	8870	3.864	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	9250	3.664	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	20131	6.974	ug/L	99
42) Toluene	8.720	91	26365	3.641	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	8449	3.537	ug/L	92
45) 1,1,2-Trichloroethane	9.153	97	6276	3.755	ug/L	95

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46) Tetrachloroethene	9.275	164	4457	3.335	ug/L	90
48) 2-Hexanone	9.433	43	16911	7.541	ug/L	97
49) Dibromochloromethane	9.519	129	6614	3.760	ug/L	97
50) 1,2-Dibromoethane	9.610	107	6325	3.540	ug/L	87
51) Chlorobenzene	10.079	112	15821	3.472	ug/L	98
52) Ethylbenzene	10.195	91	25009	3.199	ug/L	99
53) m,p-Xylene	10.305	106	9496	3.176	ug/L	90
54) o-Xylene	10.646	106	9368	3.168	ug/L	96
55) Styrene	10.659	104	15657	3.135	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	9468	3.414	ug/L	98
59) Bromoform	10.799	173	4359	4.018	ug/L	99
60) Isopropylbenzene	10.963	105	23088	3.327	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	7535	3.763	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	18683	3.217	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	19575	3.378	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	10713	3.477	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	11706	3.763	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	10666	3.496	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.951	75	2094	3.864	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	7106	3.433	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	6381	3.447	ug/L	96
71) Naphthalene	13.780	128	21844	3.130	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	6560	3.458	ug/L	97

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

