

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025981.D
 Acq On : 23 Dec 2021 19:00
 Operator : JC/MD
 Sample : VSTD00554
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005654

Quant Time: Dec 23 20:16:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 20:14:17 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2021
 Supervised By :Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	203405	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	188377	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92471	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	6920	4.179	ug/L	0.00
7) Chloroethane-d5	1.672	69	5615	4.179	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	13487	4.604	ug/L	0.00
21) 2-Butanone-d5	4.471	46	11383	9.598	ug/L	0.01
24) Chloroform-d	5.062	84	13301	4.290	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	9390	4.644	ug/L	0.00
32) Benzene-d6	5.976	84	26289	4.586	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	7908	4.515	ug/L	0.00
41) Toluene-d8	8.647	98	24654	4.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	2871	3.739	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	7411	9.257	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	11675	4.727	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	8297	4.302	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	9274	4.831	ug/L	95
3) Chloromethane	1.300	50	8668	4.674	ug/L	94
5) Vinyl chloride	1.380	62	8727	4.599	ug/L	99
6) Bromomethane	1.611	94	5619	4.395	ug/L	97
8) Chloroethane	1.691	64	5467	4.468	ug/L	99
9) Trichlorofluoromethane	1.892	101	13180	4.602	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	6754	4.730	ug/L	92
12) 1,1-Dichloroethene	2.325	96	6259	4.711	ug/L	95
13) Acetone	2.380	43	5996	6.757	ug/L	96
14) Carbon disulfide	2.514	76	16637	4.326	ug/L	98
15) Methyl Acetate	2.709	43	8705	5.011	ug/L #	91
16) Methylene chloride	2.794	84	7617	4.686	ug/L	78
17) trans-1,2-Dichloroethene	3.093	96	6528	4.310	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	20616	4.307	ug/L #	95
19) 1,1-Dichloroethane	3.617	63	12431	4.568	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	7171	4.220	ug/L	85
22) 2-Butanone	4.568	43	11087	8.420	ug/L	88
23) Bromochloromethane	4.897	128	3287	3.745	ug/L #	73
25) Chloroform	5.105	83	12907	4.378	ug/L	88
27) 1,2-Dichloroethane	6.092	62	9693	4.099	ug/L	96
29) Cyclohexane	5.477	56	11331	4.747	ug/L #	90
30) 1,1,1-Trichloroethane	5.397	97	9927m	4.185	ug/L	
31) Carbon tetrachloride	5.678	117	8804	4.316	ug/L	100
33) Benzene	6.044	78	27494	4.562	ug/L	100
34) Trichloroethene	7.129	95	7291	4.658	ug/L	93
35) Methylcyclohexane	7.385	83	10979	4.542	ug/L	94
37) 1,2-Dichloropropane	7.434	63	6714	4.505	ug/L #	96
38) Bromodichloromethane	7.824	83	8595	4.292	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	8260	3.765	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	22425	9.675	ug/L	94
42) Toluene	8.720	91	28104	4.314	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	7295	3.531	ug/L	94

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45) 1,1,2-Trichloroethane	9.153	97	6628	4.349	ug/L	95
46) Tetrachloroethene	9.275	164	5440	4.488	ug/L	92
48) 2-Hexanone	9.433	43	16336	8.791	ug/L	97
49) Dibromochloromethane	9.525	129	5939	3.728	ug/L	98
50) 1,2-Dibromoethane	9.616	107	6851	4.246	ug/L #	99
51) Chlorobenzene	10.079	112	18502	4.408	ug/L	95
52) Ethylbenzene	10.195	91	29818	4.246	ug/L	93
53) m,p-Xylene	10.305	106	11035	3.990	ug/L	97
54) o-Xylene	10.640	106	11349	4.227	ug/L	80
55) Styrene	10.659	104	16885	3.729	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	10892	4.524	ug/L	98
59) Bromoform	10.799	173	3747	3.684	ug/L #	96
60) Isopropylbenzene	10.963	105	28705	4.307	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	8554	4.562	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	22685	4.056	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	22899	4.086	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	12656	4.166	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	13272	4.380	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	12746	4.255	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	1976	4.421	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.115	180	8533	4.296	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	7294	4.429	ug/L	97
71) Naphthalene	13.780	128	26479	4.676	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	7279	4.410	ug/L	95

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

