

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025984.D
 Acq On : 23 Dec 2021 20:10
 Operator : JC/MD
 Sample : VSTD10057
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100657

Quant Time: Dec 23 20:35:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 20:30:13 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	207842	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204030	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	153653	90.813	ug/L	0.00
7) Chloroethane-d5	1.660	69	121078	88.196	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	307331	102.678	ug/L	0.00
21) 2-Butanone-d5	4.458	46	273919	226.030	ug/L	0.00
24) Chloroform-d	5.062	84	314475	99.268	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	210313	101.800	ug/L	0.00
32) Benzene-d6	5.976	84	613611	98.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	192413	101.424	ug/L	0.00
41) Toluene-d8	8.653	98	573955	97.693	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	92672	111.435	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	205528	237.025	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	291707	109.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	221688	94.129	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	216793	110.516	ug/L	99
3) Chloromethane	1.294	50	199271	105.147	ug/L	96
5) Vinyl chloride	1.374	62	200421	103.353	ug/L	99
6) Bromomethane	1.599	94	104488	79.981	ug/L	98
8) Chloroethane	1.685	64	119360	95.476	ug/L	100
9) Trichlorofluoromethane	1.886	101	305456	104.377	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	156139	107.011	ug/L	93
12) 1,1-Dichloroethene	2.319	96	147711m	108.807	ug/L	
13) Acetone	2.380	43	147660	162.852	ug/L	92
14) Carbon disulfide	2.514	76	416345	105.942	ug/L	100
15) Methyl Acetate	2.703	43	205001	115.490	ug/L #	91
16) Methylene chloride	2.794	84	167023	100.549	ug/L	92
17) trans-1,2-Dichloroethene	3.099	96	157823	101.971	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	521754	106.683	ug/L	95
19) 1,1-Dichloroethane	3.611	63	299685	107.768	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	179017	103.095	ug/L	87
22) 2-Butanone	4.556	43	280180	208.251	ug/L	93
23) Bromochloromethane	4.903	128	90624	101.049	ug/L	88
25) Chloroform	5.099	83	310870	103.202	ug/L	98
27) 1,2-Dichloroethane	6.092	62	262430	108.607	ug/L	95
29) Cyclohexane	5.477	56	281428	108.867	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	266198	103.605	ug/L	96
31) Carbon tetrachloride	5.684	117	228743	103.545	ug/L	100
33) Benzene	6.043	78	679559	104.115	ug/L	100
34) Trichloroethene	7.129	95	172712	101.877	ug/L	94
35) Methylcyclohexane	7.385	83	277377	105.953	ug/L	95
37) 1,2-Dichloropropane	7.434	63	174841	108.309	ug/L	98
38) Bromodichloromethane	7.824	83	234691	108.195	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	273138	114.950	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	593189	236.281	ug/L	94
42) Toluene	8.720	91	735102	104.183	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	264556	118.240	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	170307	103.172	ug/L	98
46) Tetrachloroethene	9.275	164	132144	100.661	ug/L	97
48) 2-Hexanone	9.433	43	458961	228.040	ug/L	96
49) Dibromochloromethane	9.525	129	185019	107.234	ug/L	98
50) 1,2-Dibromoethane	9.610	107	186020	106.445	ug/L	98
51) Chlorobenzene	10.079	112	458051	100.764	ug/L	94
52) Ethylbenzene	10.195	91	803270	105.598	ug/L	96
53) m,p-Xylene	10.305	106	310517	103.661	ug/L	92
54) o-Xylene	10.646	106	303617	104.397	ug/L	90
55) Styrene	10.659	104	537168	109.517	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	287253	110.166	ug/L	96
59) Bromoform	10.799	173	131668	106.010	ug/L	99
60) Isopropylbenzene	10.963	105	811803	99.729	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	232338	101.466	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	693289	101.499	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	697804	101.967	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	363425	97.964	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	365372	98.746	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	354986	97.039	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	65977	120.877	ug/L	82
69) 1,3,5-Trichlorobenzene	13.115	180	245182	101.073	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	224602	111.686	ug/L	98
71) Naphthalene	13.780	128	857030	123.932	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	230572	114.377	ug/L	98

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

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