

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081122\
 Data File : VX030580.D
 Acq On : 11 Aug 2022 18:19
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050778

Quant Time: Aug 12 05:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 04:17:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
 Supervised By :Semsettin Yesilyurt 08/14/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	242919	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	220618	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64612	41.418	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.840%			
7) Chloroethane-d5	1.666	69	56254	51.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.300%			
11) 1,1-Dichloroethene-d2	2.306	63	160312	54.327	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.660%			
21) 2-Butanone-d5	4.477	46	186821	129.252	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.250%			
24) Chloroform-d	5.062	84	178440	55.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.140%			
26) 1,2-Dichloroethane-d4	5.958	65	120878	55.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.880%			
32) Benzene-d6	5.977	84	317162	50.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.380%			
36) 1,2-Dichloropropane-d6	7.312	67	110408	53.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.700%			
41) Toluene-d8	8.653	98	293039	49.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.380%			
43) trans-1,3-Dichloroprop...	8.952	79	51080	50.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.160%			
47) 2-Hexanone-d5	9.391	63	124785	119.401	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.400%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	158295	58.770	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.540%			
66) 1,2-Dichlorobenzene-d4	12.323	152	116317	53.630	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96501	52.793	ug/L	100
3) Chloromethane	1.288	50	71129	45.255	ug/L	99
5) Vinyl chloride	1.368	62	80967	48.227	ug/L	97
6) Bromomethane	1.611	94	22024	27.916	ug/L	95
8) Chloroethane	1.685	64	53848	56.309	ug/L	99
9) Trichlorofluoromethane	1.886	101	136075	54.842	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	87641	59.385	ug/L	97
12) 1,1-Dichloroethene	2.319	96	77836	57.248	ug/L #	77
13) Acetone	2.398	43	138021	130.291	ug/L	97
14) Carbon disulfide	2.508	76	211619	48.021	ug/L	99
15) Methyl Acetate	2.715	43	127218	58.020	ug/L	97
16) Methylene chloride	2.788	84	93103	54.003	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	82617	52.449	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	299399	55.892	ug/L	99
19) 1,1-Dichloroethane	3.611	63	175018	57.447	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	97434	54.987	ug/L	96
22) 2-Butanone	4.580	43	199354	119.294	ug/L	99
23) Bromochloromethane	4.910	128	45453	51.152	ug/L	93
25) Chloroform	5.105	83	184263	57.564	ug/L	97

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27) 1,2-Dichloroethane	6.092	62	152950m	57.410	ug/L	
29) Cyclohexane	5.471	56	153424	52.311	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	156869	53.905	ug/L	99
31) Carbon tetrachloride	5.678	117	129039	53.725	ug/L	99
33) Benzene	6.044	78	373393	52.788	ug/L	100
34) Trichloroethene	7.129	95	103403	50.473	ug/L	90
35) Methylcyclohexane	7.385	83	154576	51.829	ug/L	98
37) 1,2-Dichloropropane	7.434	63	105938	56.328	ug/L	99
38) Bromodichloromethane	7.824	83	141431	56.820	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	153406	54.679	ug/L	95
40) 4-Methyl-2-pentanone	8.580	43	372863	113.845	ug/L	98
42) Toluene	8.720	91	390312	52.234	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	151768	55.269	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	95073	54.365	ug/L	98
46) Tetrachloroethene	9.275	164	64902	50.128	ug/L	98
48) 2-Hexanone	9.433	43	299787	117.807	ug/L	99
49) Dibromochloromethane	9.525	129	101558	54.586	ug/L	98
50) 1,2-Dibromoethane	9.616	107	100399	52.205	ug/L	98
51) Chlorobenzene	10.079	112	251205	53.961	ug/L	99
52) Ethylbenzene	10.195	91	439902	53.992	ug/L	98
53) m,p-Xylene	10.305	106	160670	52.907	ug/L	95
54) o-Xylene	10.646	106	159921	52.847	ug/L	99
55) Styrene	10.659	104	281394	55.226	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	158350	59.509	ug/L	99
59) Bromoform	10.805	173	66440	54.563	ug/L	99
60) Isopropylbenzene	10.963	105	434912	54.871	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	132332	55.106	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	386311	57.089	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	383919	56.180	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	182830	53.063	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	192655	55.003	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	196988	55.286	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	45514	57.457	ug/L	93
69) 1,3,5-Trichlorobenzene	13.116	180	132783	54.953	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	115940	54.635	ug/L	95
71) Naphthalene	13.780	128	473969	53.958	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	123889	55.269	ug/L	98

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

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