

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
 Data File : VX033558.D
 Acq On : 23 Dec 2022 12:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050613

Quant Time: Dec 24 00:28:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 00:26:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	199666	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184085	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45374	42.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.440%
7) Chloroethane-d5	1.672	69	47048	56.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.280%
11) 1,1-Dichloroethene-d2	2.313	63	101274	59.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.440%
21) 2-Butanone-d5	4.458	46	89098	115.482	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.480%
24) Chloroform-d	5.062	84	136593	51.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.740%
26) 1,2-Dichloroethane-d4	5.958	65	89015	54.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
32) Benzene-d6	5.976	84	248626	47.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
36) 1,2-Dichloropropane-d6	7.306	67	76733	49.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.920%
41) Toluene-d8	8.647	98	240900	47.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.420%
43) trans-1,3-Dichloroprop...	8.952	79	37254	50.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.340%
47) 2-Hexanone-d5	9.384	63	69508	110.389	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.390%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	113393	53.840	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.680%
66) 1,2-Dichlorobenzene-d4	12.323	152	96500	49.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25475	52.862	ug/L	99
3) Chloromethane	1.294	50	29207	48.271	ug/L	97
5) Vinyl chloride	1.374	62	37222	46.555	ug/L	96
6) Bromomethane	1.618	94	26365	55.430	ug/L	97
8) Chloroethane	1.691	64	30122	56.629	ug/L	93
9) Trichlorofluoromethane	1.892	101	67562	51.059	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	51820	61.552	ug/L	99
12) 1,1-Dichloroethene	2.325	96	44659	58.991	ug/L #	81
13) Acetone	2.392	43	53519	107.991	ug/L	99
14) Carbon disulfide	2.514	76	108512	47.105	ug/L	100
15) Methyl Acetate	2.709	43	53678	54.172	ug/L	96
16) Methylene chloride	2.794	84	52836	46.621	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	50439	44.980	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	181315	51.017	ug/L	98
19) 1,1-Dichloroethane	3.611	63	94809	48.713	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	61728	46.968	ug/L	99
22) 2-Butanone	4.562	43	78305	95.942	ug/L	96
23) Bromochloromethane	4.904	128	33704	47.908	ug/L	94
25) Chloroform	5.099	83	112421	49.711	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	93153	53.999	ug/L	100
29) Cyclohexane	5.470	56	77980	43.344	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	97922	45.740	ug/L	98
31) Carbon tetrachloride	5.678	117	84920	44.697	ug/L	99
33) Benzene	6.037	78	223960	45.779	ug/L	100
34) Trichloroethene	7.129	95	60398	44.274	ug/L	97
35) Methylcyclohexane	7.379	83	88488	44.260	ug/L	98
37) 1,2-Dichloropropane	7.427	63	57822	47.929	ug/L	98
38) Bromodichloromethane	7.824	83	86774	48.739	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	91347	46.601	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	158609	106.158	ug/L	98
42) Toluene	8.720	91	252232	45.616	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	90822	49.349	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	63993	49.002	ug/L	98
46) Tetrachloroethene	9.275	164	49538	43.025	ug/L	97
48) 2-Hexanone	9.433	43	120890	101.874	ug/L	99
49) Dibromochloromethane	9.519	129	74964	49.155	ug/L	98
50) 1,2-Dibromoethane	9.610	107	68602	48.664	ug/L	97
51) Chlorobenzene	10.079	112	170230	46.394	ug/L	99
52) Ethylbenzene	10.195	91	279433	46.128	ug/L	100
53) m,p-Xylene	10.305	106	112067	46.382	ug/L	96
54) o-Xylene	10.640	106	111122	47.025	ug/L	97
55) Styrene	10.659	104	191277	48.029	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	96913	50.750	ug/L	99
59) Bromoform	10.799	173	53595	48.671	ug/L	99
60) Isopropylbenzene	10.963	105	290247	46.417	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	76127	51.110	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	249400	46.952	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	247787	47.447	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	131472	46.032	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	132394	45.825	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	134152	47.595	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20859	52.094	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	89785	46.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	82338	47.567	ug/L	98
71) Naphthalene	13.774	128	285558	50.491	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	83873	48.554	ug/L	98

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

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