

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX026006.D
 Acq On : 24 Dec 2021 06:04
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050738

Quant Time: Dec 24 06:50:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	256878	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239035	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	92022	50.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.040%	
7) Chloroethane-d5	1.666	69	71756	49.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 98.580%	
11) 1,1-Dichloroethene-d2	2.313	63	187409	51.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.840%	
21) 2-Butanone-d5	4.458	46	160314	101.508	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 101.510%	
24) Chloroform-d	5.068	84	193976	53.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.420%	
26) 1,2-Dichloroethane-d4	5.964	65	134832	54.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.260%	
32) Benzene-d6	5.976	84	375212	54.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.060%	
36) 1,2-Dichloropropane-d6	7.312	67	121810	56.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 113.920%	
41) Toluene-d8	8.653	98	336680	52.410	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.820%	
43) trans-1,3-Dichloroprop...	8.952	79	48647	52.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.560%	
47) 2-Hexanone-d5	9.384	63	122552	111.030	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 111.030%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	171192	54.285	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 108.580%	
66) 1,2-Dichlorobenzene-d4	12.323	152	127437	55.084	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.160%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	138165	53.815	ug/L	99
3) Chloromethane	1.294	50	128930	54.101	ug/L	97
5) Vinyl chloride	1.374	62	119682	50.599	ug/L	99
6) Bromomethane	1.605	94	72045	53.341	ug/L	97
8) Chloroethane	1.691	64	70801	49.574	ug/L	96
9) Trichlorofluoromethane	1.892	101	157773	44.080	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	87970	47.663	ug/L	93
12) 1,1-Dichloroethene	2.325	96	88701	51.384	ug/L	94
13) Acetone	2.380	43	111745	129.422	ug/L	94
14) Carbon disulfide	2.514	76	197075	41.335	ug/L	99
15) Methyl Acetate	2.709	43	125967	52.936	ug/L #	90
16) Methylene chloride	2.794	84	108748	54.184	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	95319	51.855	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	356684	59.731	ug/L	97
19) 1,1-Dichloroethane	3.617	63	187639	54.125	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	111641	54.419	ug/L	87
22) 2-Butanone	4.556	43	179467	111.635	ug/L	96
23) Bromochloromethane	4.903	128	57051	55.744	ug/L	90
25) Chloroform	5.099	83	198977	55.011	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	165733	55.549	ug/L	96
29) Cyclohexane	5.477	56	147327	46.925	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	153532	52.749	ug/L	96
31) Carbon tetrachloride	5.678	117	117746	46.677	ug/L	100
33) Benzene	6.044	78	409746	53.982	ug/L	100
34) Trichloroethene	7.129	95	100544	51.785	ug/L	90
35) Methylcyclohexane	7.385	83	139430	45.371	ug/L	94
37) 1,2-Dichloropropane	7.434	63	108015	56.064	ug/L	99
38) Bromodichloromethane	7.824	83	126849	50.238	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	149510	54.003	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	359553	111.005	ug/L	96
42) Toluene	8.720	91	419226	51.863	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	140936	53.643	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	105676	56.786	ug/L	97
46) Tetrachloroethene	9.275	164	71298	48.135	ug/L	96
48) 2-Hexanone	9.433	43	273098	110.852	ug/L	97
49) Dibromochloromethane	9.525	129	94076	48.949	ug/L	97
50) 1,2-Dibromoethane	9.610	107	112019	56.367	ug/L	99
51) Chlorobenzene	10.079	112	266085	52.295	ug/L	94
52) Ethylbenzene	10.195	91	440696	50.268	ug/L	96
53) m,p-Xylene	10.305	106	170280	50.882	ug/L	94
54) o-Xylene	10.640	106	171312	51.680	ug/L	86
55) Styrene	10.659	104	295604	52.824	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	172201	55.065	ug/L	97
59) Bromoform	10.799	173	57858	45.759	ug/L	99
60) Isopropylbenzene	10.963	105	429409	51.051	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	141967	58.035	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	372149	52.841	ug/L	95
63) 1,2,4-Trimethylbenzene	11.750	105	376063	53.301	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	195027	51.965	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	198108	52.429	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	198940	53.611	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	32791	50.879	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.115	180	131715	52.278	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	124307	55.402	ug/L	96
71) Naphthalene	13.774	128	520530	61.368	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	128710	55.548	ug/L	98

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

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