

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025652.D
 Acq On : 09 Dec 2021 10:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050722

Quant Time: Dec 10 01:53:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	141278	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	132042	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68847	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	36478	37.834	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.660%		
7) Chloroethane-d5	1.666	69	32422	40.744	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.480%		
11) 1,1-Dichloroethene-d2	2.307	63	69977	45.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.040%		
21) 2-Butanone-d5	4.452	46	65476	91.228	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.230%		
24) Chloroform-d	5.056	84	79314	47.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.140%		
26) 1,2-Dichloroethane-d4	5.952	65	48185	45.876	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.760%		
32) Benzene-d6	5.977	84	146504	41.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.720%		
36) 1,2-Dichloropropane-d6	7.306	67	46449	42.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.740%		
41) Toluene-d8	8.647	98	133146	40.309	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.620%		
43) trans-1,3-Dichloroprop...	8.952	79	22005	40.395	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.800%		
47) 2-Hexanone-d5	9.385	63	48993	86.867	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.870%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	70949	46.333	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.660%		
66) 1,2-Dichlorobenzene-d4	12.323	152	59761	44.257	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	49830	60.105	ug/L	99
3) Chloromethane	1.295	50	46538	54.386	ug/L	99
5) Vinyl chloride	1.374	62	49697	49.748	ug/L	98
6) Bromomethane	1.605	94	28820	55.147	ug/L	100
8) Chloroethane	1.685	64	31481	47.305	ug/L	96
9) Trichlorofluoromethane	1.886	101	78178	50.149	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	44752	54.665	ug/L	99
12) 1,1-Dichloroethene	2.319	96	40097	52.853	ug/L	96
13) Acetone	2.380	43	59345	100.559	ug/L	99
14) Carbon disulfide	2.514	76	100212	53.722	ug/L	100
15) Methyl Acetate	2.703	43	45847	48.070	ug/L #	90
16) Methylene chloride	2.788	84	45241	51.560	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	42995	52.641	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	138865	50.023	ug/L	99
19) 1,1-Dichloroethane	3.611	63	76996	52.640	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	49666	51.602	ug/L	100
22) 2-Butanone	4.550	43	76562	98.096	ug/L	100
23) Bromochloromethane	4.898	128	26122	51.372	ug/L	96
25) Chloroform	5.093	83	82606	51.895	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	62464	53.953	ug/L	99
29) Cyclohexane	5.471	56	68492	50.631	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	73248	50.252	ug/L	98
31) Carbon tetrachloride	5.678	117	65278	50.151	ug/L	100
33) Benzene	6.038	78	177549	50.333	ug/L	100
34) Trichloroethene	7.123	95	48149	51.896	ug/L	97
35) Methylcyclohexane	7.379	83	74640	51.113	ug/L	100
37) 1,2-Dichloropropane	7.428	63	43422	49.077	ug/L	100
38) Bromodichloromethane	7.824	83	61651	50.036	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	68938	47.838	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	132323	93.659	ug/L	98
42) Toluene	8.720	91	195304	50.204	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	66604	48.088	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	46484	49.507	ug/L	96
46) Tetrachloroethene	9.275	164	40290	51.204	ug/L	98
48) 2-Hexanone	9.433	43	105413	92.897	ug/L	99
49) Dibromochloromethane	9.519	129	52256	48.287	ug/L	97
50) 1,2-Dibromoethane	9.610	107	48855	48.820	ug/L	99
51) Chlorobenzene	10.080	112	129687	50.538	ug/L	99
52) Ethylbenzene	10.195	91	212325	50.784	ug/L	99
53) m,p-Xylene	10.305	106	85960	50.758	ug/L	99
54) o-Xylene	10.640	106	85057	50.174	ug/L	97
55) Styrene	10.659	104	144034	51.132	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	69972	48.261	ug/L	97
59) Bromoform	10.799	173	37339	43.955	ug/L	100
60) Isopropylbenzene	10.964	105	220626	49.863	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	56024	47.569	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	188160	50.845	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	187657	50.187	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	102465	50.433	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	101883	49.645	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	102316	49.804	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	14270	43.597	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	73192	49.521	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	61966	49.877	ug/L	97
71) Naphthalene	13.780	128	205689	48.845	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	61547	48.359	ug/L	97

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

