

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025612.D
 Acq On : 08 Dec 2021 11:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050719

Quant Time: Dec 09 01:34:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 07:24:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159862	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	54400	49.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.720%
7) Chloroethane-d5	1.666	69	44918	49.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.780%
11) 1,1-Dichloroethene-d2	2.306	63	96594	55.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.060%
21) 2-Butanone-d5	4.446	46	75206	92.604	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	5.056	84	100121	52.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.020%
26) 1,2-Dichloroethane-d4	5.952	65	61508	51.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
32) Benzene-d6	5.970	84	200750	50.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	7.306	67	60198	49.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	8.647	98	189936	50.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.560%
43) trans-1,3-Dichloroprop...	8.952	79	28732	46.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
47) 2-Hexanone-d5	9.384	63	57492	90.016	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	84016	48.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	76916	50.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63972	68.193	ug/L	99
3) Chloromethane	1.294	50	57631	59.520	ug/L	97
5) Vinyl chloride	1.374	62	62445	55.242	ug/L	98
6) Bromomethane	1.599	94	37323	63.116	ug/L	100
8) Chloroethane	1.685	64	39855	52.927	ug/L	99
9) Trichlorofluoromethane	1.886	101	95272	54.010	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	54551	58.888	ug/L	100
12) 1,1-Dichloroethene	2.319	96	49520	57.686	ug/L	98
13) Acetone	2.380	43	76260	114.199	ug/L	98
14) Carbon disulfide	2.514	76	120899	57.277	ug/L	100
15) Methyl Acetate	2.703	43	55316	51.255	ug/L #	90
16) Methylene chloride	2.788	84	55349	55.747	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	52128	56.404	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	168758	53.725	ug/L	99
19) 1,1-Dichloroethane	3.605	63	91930	55.543	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	59898	54.998	ug/L	96
22) 2-Butanone	4.556	43	94309	106.788	ug/L	100
23) Bromochloromethane	4.897	128	31550	54.834	ug/L	98
25) Chloroform	5.086	83	99154	55.049	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	74193	56.634	ug/L	99
29) Cyclohexane	5.471	56	85715	55.954	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	88564	53.655	ug/L	100
31) Carbon tetrachloride	5.678	117	78038	52.943	ug/L	99
33) Benzene	6.037	78	212798	53.272	ug/L	100
34) Trichloroethene	7.123	95	58045	55.247	ug/L	98
35) Methylcyclohexane	7.379	83	94250	56.995	ug/L	99
37) 1,2-Dichloropropane	7.427	63	54063	53.959	ug/L	100
38) Bromodichloromethane	7.824	83	70870	50.792	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	84946	52.054	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	161827	101.148	ug/L	99
42) Toluene	8.720	91	239051	54.264	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	81420	51.911	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	56347	52.995	ug/L	97
46) Tetrachloroethene	9.275	164	49489	55.541	ug/L	99
48) 2-Hexanone	9.433	43	135858	105.728	ug/L	99
49) Dibromochloromethane	9.519	129	61720	50.364	ug/L	97
50) 1,2-Dibromoethane	9.610	107	59740	52.717	ug/L	98
51) Chlorobenzene	10.079	112	160253	55.148	ug/L	99
52) Ethylbenzene	10.195	91	262734	55.493	ug/L	99
53) m,p-Xylene	10.305	106	106697	55.636	ug/L	99
54) o-Xylene	10.640	106	104299	54.330	ug/L	95
55) Styrene	10.659	104	177018	55.493	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	85760	52.234	ug/L	98
59) Bromoform	10.799	173	42291	43.865	ug/L	98
60) Isopropylbenzene	10.963	105	272321	54.229	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	68282	51.084	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	232072	55.255	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	230257	54.259	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	129449	56.140	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	128224	55.052	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	126632	54.312	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	16745	45.076	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	93522	55.753	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	80707	57.239	ug/L	98
71) Naphthalene	13.780	128	263090	55.048	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	80374	55.643	ug/L	99

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

