

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025625.D
 Acq On : 08 Dec 2021 17:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050720

Quant Time: Dec 09 01:43:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 01:41:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	162291	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	150291	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	54581	49.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.560%
7) Chloroethane-d5	1.666	69	45664	49.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.900%
11) 1,1-Dichloroethene-d2	2.307	63	89661	50.772	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.540%
21) 2-Butanone-d5	4.452	46	74705	90.610	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.610%
24) Chloroform-d	5.062	84	96731	49.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.940%
26) 1,2-Dichloroethane-d4	5.958	65	59732	49.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.020%
32) Benzene-d6	5.977	84	197037	49.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
36) 1,2-Dichloropropane-d6	7.312	67	58124	47.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.260%
41) Toluene-d8	8.647	98	186067	49.490	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.980%
43) trans-1,3-Dichloroprop...	8.952	79	27075	43.668	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.340%
47) 2-Hexanone-d5	9.384	63	56754	88.409	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.410%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	81591	46.813	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.620%
66) 1,2-Dichlorobenzene-d4	12.323	152	75744	49.070	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43826	46.018	ug/L	100
3) Chloromethane	1.294	50	42587	43.325	ug/L	98
5) Vinyl chloride	1.374	62	48345	42.129	ug/L	97
6) Bromomethane	1.605	94	29453	49.061	ug/L	98
8) Chloroethane	1.685	64	33424	43.722	ug/L	98
9) Trichlorofluoromethane	1.886	101	77669	43.372	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	43803	46.578	ug/L	99
12) 1,1-Dichloroethene	2.319	96	39581	45.418	ug/L	88
13) Acetone	2.380	43	51846	76.477	ug/L	100
14) Carbon disulfide	2.514	76	81602	38.081	ug/L	99
15) Methyl Acetate	2.703	43	47362	43.228	ug/L #	89
16) Methylene chloride	2.788	84	46712	46.343	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	42188	44.965	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	145169	45.523	ug/L	99
19) 1,1-Dichloroethane	3.611	63	76801	45.708	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	50127	45.338	ug/L	95
22) 2-Butanone	4.556	43	74608	83.215	ug/L	100
23) Bromochloromethane	4.904	128	26439	45.263	ug/L	98
25) Chloroform	5.093	83	84185	46.039	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	62322	46.860	ug/L	99
29) Cyclohexane	5.464	56	68111	44.236	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	73707	44.427	ug/L	100
31) Carbon tetrachloride	5.678	117	62634	42.276	ug/L	100
33) Benzene	6.038	78	180557	44.971	ug/L	100
34) Trichloroethene	7.129	95	48543	45.967	ug/L	99
35) Methylcyclohexane	7.379	83	73914	44.470	ug/L	99
37) 1,2-Dichloropropane	7.434	63	45543	45.224	ug/L	99
38) Bromodichloromethane	7.824	83	58493	41.708	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	70437	42.943	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	138271	85.985	ug/L	99
42) Toluene	8.720	91	200968	45.387	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	67088	42.556	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	48068	44.978	ug/L	97
46) Tetrachloroethene	9.275	164	40218	44.907	ug/L	98
48) 2-Hexanone	9.433	43	108747	84.199	ug/L	99
49) Dibromochloromethane	9.525	129	49640	40.300	ug/L	99
50) 1,2-Dibromoethane	9.610	107	50483	44.321	ug/L	99
51) Chlorobenzene	10.079	112	135386	46.353	ug/L	98
52) Ethylbenzene	10.195	91	219683	46.164	ug/L	99
53) m,p-Xylene	10.305	106	88753	46.043	ug/L	98
54) o-Xylene	10.640	106	87473	45.334	ug/L	96
55) Styrene	10.659	104	148098	46.191	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	74580	45.194	ug/L	97
59) Bromoform	10.799	173	33526	34.525	ug/L	99
60) Isopropylbenzene	10.963	105	228883	45.253	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	58833	43.700	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	191659	45.306	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	193950	45.376	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	107503	46.289	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	106810	45.530	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	107491	45.772	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	13937	37.249	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	77196	45.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	67383	47.447	ug/L	98
71) Naphthalene	13.780	128	226639	47.082	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	67334	46.282	ug/L	99

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

