

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039369.D
 Acq On : 19 Dec 2023 20:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050711

Quant Time: Dec 19 22:09:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	214385	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	84816	50.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.880%	
7) Chloroethane-d5	1.666	69	62794	50.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.040%	
11) 1,1-Dichloroethene-d2	2.306	65	40733	55.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 110.360%	
21) 2-Butanone-d5	4.446	46	148834	97.782	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 97.780%	
24) Chloroform-d	5.056	84	159046	53.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.860%	
26) 1,2-Dichloroethane-d4	5.952	65	107350	55.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.380%	
32) Benzene-d6	5.976	84	317125	50.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.380%	
36) 1,2-Dichloropropane-d6	7.305	67	100342	49.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 99.680%	
41) Toluene-d8	8.647	98	286620	50.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.120%	
43) trans-1,3-Dichloroprop...	8.945	79	48032	46.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 93.760%	
47) 2-Hexanone-d5	9.384	63	111433	92.675	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 92.680%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	143187	50.138	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 100.280%	
66) 1,2-Dichlorobenzene-d4	12.317	152	97796	50.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84879	49.646	ug/L	100
3) Chloromethane	1.294	50	88178	49.345	ug/L	99
5) Vinyl chloride	1.374	62	84083	47.741	ug/L	97
6) Bromomethane	1.605	94	49577	52.151	ug/L	97
8) Chloroethane	1.691	64	47539	47.745	ug/L	99
9) Trichlorofluoromethane	1.892	101	117581	51.513	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76877	52.359	ug/L	97
12) 1,1-Dichloroethene	2.319	96	70495	51.043	ug/L	96
13) Acetone	2.373	43	118358	80.943	ug/L	96
14) Carbon disulfide	2.514	76	196808	44.782	ug/L	100
15) Methyl Acetate	2.697	43	106437	50.926	ug/L	98
16) Methylene chloride	2.788	84	82025	51.693	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	71472	49.116	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	262673	51.859	ug/L	98
19) 1,1-Dichloroethane	3.611	63	149182	51.848	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	83281	49.342	ug/L	97
22) 2-Butanone	4.550	43	160938	89.682	ug/L	96
23) Bromochloromethane	4.897	128	39331	49.571	ug/L	94
25) Chloroform	5.092	83	153827	53.600	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	127339	56.218	ug/L	96
29) Cyclohexane	5.470	56	132855	46.855	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	124070	50.448	ug/L	98
31) Carbon tetrachloride	5.678	117	99147	48.320	ug/L	98
33) Benzene	6.037	78	316974	49.208	ug/L	100
34) Trichloroethene	7.123	95	85537	50.247	ug/L	96
35) Methylcyclohexane	7.379	83	131159	46.262	ug/L	97
37) 1,2-Dichloropropane	7.427	63	87295	48.865	ug/L	100
38) Bromodichloromethane	7.824	83	107096	49.288	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	132963	46.666	ug/L	99
40) 4-Methyl-2-pentanone	8.567	43	295535	98.707	ug/L	98
42) Toluene	8.720	91	334663	48.994	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127684	48.290	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	81492	49.776	ug/L	100
46) Tetrachloroethene	9.275	164	54016	48.101	ug/L	98
48) 2-Hexanone	9.427	43	236623	94.425	ug/L	98
49) Dibromochloromethane	9.518	129	75552	47.370	ug/L	99
50) 1,2-Dibromoethane	9.610	107	86896	49.543	ug/L	99
51) Chlorobenzene	10.079	112	213629	50.632	ug/L	99
52) Ethylbenzene	10.195	91	380930	49.883	ug/L	100
53) m,p-Xylene	10.299	106	138402	48.474	ug/L	100
54) o-Xylene	10.640	106	133759	48.823	ug/L	96
55) Styrene	10.652	104	233539	49.820	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	141363	49.477	ug/L	99
59) Bromoform	10.799	173	50634	42.153	ug/L	99
60) Isopropylbenzene	10.963	105	369712	49.504	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	113302	50.605	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	316701	50.229	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	309195	50.011	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	154706	48.397	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	158976	49.078	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	148966	48.717	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	33186	47.493	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	101014	47.783	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	94268	47.302	ug/L	98
71) Naphthalene	13.774	128	324407	47.464	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	91626	47.483	ug/L	99

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

