

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039152.D
 Acq On : 11 Dec 2023 18:25
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050702

Quant Time: Dec 12 03:57:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	236352	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	218304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	106520	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74429	40.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.300%		
7) Chloroethane-d5	1.666	69	56926	41.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.080%		
11) 1,1-Dichloroethene-d2	2.306	65	36788	45.208	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.420%		
21) 2-Butanone-d5	4.446	46	176962	105.456	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.460%		
24) Chloroform-d	5.056	84	167325	50.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.980%		
26) 1,2-Dichloroethane-d4	5.952	65	114372	53.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.620%		
32) Benzene-d6	5.970	84	317918	47.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.380%		
36) 1,2-Dichloropropane-d6	7.306	67	107036	49.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.740%		
41) Toluene-d8	8.647	98	271200	44.419	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.840%		
43) trans-1,3-Dichloroprop...	8.952	79	52297	47.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.800%		
47) 2-Hexanone-d5	9.378	63	132327	102.183	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.180%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	158297	51.465	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.940%		
66) 1,2-Dichlorobenzene-d4	12.317	152	95111	47.239	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	89715	47.597	ug/L	96
3) Chloromethane	1.294	50	100071	50.795	ug/L	100
5) Vinyl chloride	1.374	62	91635	47.194	ug/L	97
6) Bromomethane	1.605	94	55218	52.687	ug/L	97
8) Chloroethane	1.685	64	52783	48.084	ug/L	97
9) Trichlorofluoromethane	1.892	101	121790	48.398	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	77042	47.595	ug/L	97
12) 1,1-Dichloroethene	2.319	96	76856	50.477	ug/L	93
13) Acetone	2.373	43	124616	77.302	ug/L	96
14) Carbon disulfide	2.514	76	231795	47.841	ug/L	100
15) Methyl Acetate	2.697	43	128778	55.888	ug/L	98
16) Methylene chloride	2.788	84	94147	53.818	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	81687	50.918	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	316480	56.674	ug/L	98
19) 1,1-Dichloroethane	3.605	63	170427	53.727	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	98346	52.852	ug/L	98
22) 2-Butanone	4.550	43	186763	94.400	ug/L	100
23) Bromochloromethane	4.897	128	46823	53.529	ug/L	97
25) Chloroform	5.093	83	174951	55.295	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	147950	59.247	ug/L #	93
29) Cyclohexane	5.471	56	138987	45.513	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	140160	52.916	ug/L	99
31) Carbon tetrachloride	5.672	117	112668	50.984	ug/L	99
33) Benzene	6.037	78	356434	51.378	ug/L	100
34) Trichloroethene	7.123	95	93648	51.078	ug/L	98
35) Methylcyclohexane	7.379	83	132423	43.368	ug/L	97
37) 1,2-Dichloropropane	7.427	63	103014	53.541	ug/L	100
38) Bromodichloromethane	7.818	83	128456	54.891	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	157100	51.195	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	352281	109.247	ug/L	99
42) Toluene	8.714	91	366287	49.789	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	151339	53.144	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	93257	52.890	ug/L	96
46) Tetrachloroethene	9.275	164	56637	46.829	ug/L	97
48) 2-Hexanone	9.427	43	278673	103.254	ug/L	98
49) Dibromochloromethane	9.519	129	94043	54.747	ug/L	98
50) 1,2-Dibromoethane	9.610	107	102403	54.210	ug/L	98
51) Chlorobenzene	10.079	112	224320	49.364	ug/L	97
52) Ethylbenzene	10.195	91	404351	49.164	ug/L	100
53) m,p-Xylene	10.299	106	146581	47.668	ug/L	98
54) o-Xylene	10.640	106	145628	49.355	ug/L	97
55) Styrene	10.653	104	253431	50.198	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.207	83	162830	52.915	ug/L	99
59) Bromoform	10.799	173	66501	53.120	ug/L	99
60) Isopropylbenzene	10.963	105	384944	49.456	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	130990	56.136	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	329836	50.194	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	324800	50.408	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	164338	49.329	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	170371	50.467	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	161824	50.779	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	42517	58.382	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	107032	48.580	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	107120	51.574	ug/L	98
71) Naphthalene	13.774	128	369098	51.817	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	101076	50.259	ug/L	99

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

