

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110121\
 Data File : VX025038.D
 Acq On : 01 Nov 2021 18:57
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050700

Quant Time: Nov 02 03:31:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 03:29:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	162390	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	37790	36.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.020%		
7) Chloroethane-d5	1.666	69	28585	40.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.800%		
11) 1,1-Dichloroethene-d2	2.306	63	110338	43.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.520%		
21) 2-Butanone-d5	4.465	46	92962	89.909	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.910%		
24) Chloroform-d	5.068	84	134772	49.758	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.520%		
26) 1,2-Dichloroethane-d4	5.958	65	92365	46.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
32) Benzene-d6	5.976	84	210834	49.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.560%		
36) 1,2-Dichloropropane-d6	7.312	67	70252	48.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.340%		
41) Toluene-d8	8.653	98	209436	51.689	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.380%		
43) trans-1,3-Dichloroprop...	8.952	79	40891	49.299	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.600%		
47) 2-Hexanone-d5	9.384	63	74247	101.036	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.040%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	103000	52.774	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.540%		
66) 1,2-Dichlorobenzene-d4	12.323	152	77410	52.504	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	70303	46.123	ug/L	99
3) Chloromethane	1.288	50	37120	35.022	ug/L	90
5) Vinyl chloride	1.374	62	45252	37.948	ug/L	97
6) Bromomethane	1.611	94	30363	39.575	ug/L	100
8) Chloroethane	1.685	64	26074	43.275	ug/L	97
9) Trichlorofluoromethane	1.886	101	110594	41.779	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	58144	48.424	ug/L	95
12) 1,1-Dichloroethene	2.319	96	47502	47.028	ug/L	77
13) Acetone	2.386	43	65636	66.786	ug/L	94
14) Carbon disulfide	2.514	76	118525	43.292	ug/L	99
15) Methyl Acetate	2.709	43	59737	42.042	ug/L #	80
16) Methylene chloride	2.794	84	53480	46.761	ug/L #	81
17) trans-1,2-Dichloroethene	3.093	96	49649	48.003	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	208603	48.840	ug/L	93
19) 1,1-Dichloroethane	3.617	63	110360	45.919	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	59443	50.873	ug/L	74
22) 2-Butanone	4.568	43	94797	78.358	ug/L	80
23) Bromochloromethane	4.910	128	30079	51.527	ug/L #	74
25) Chloroform	5.105	83	131527	49.176	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	109392	46.263	ug/L	100
29) Cyclohexane	5.477	56	90613	44.790	ug/L #	80
30) 1,1,1-Trichloroethane	5.391	97	124686	48.308	ug/L	95
31) Carbon tetrachloride	5.684	117	110677	50.626	ug/L	97
33) Benzene	6.044	78	226309	48.987	ug/L	100
34) Trichloroethene	7.129	95	66308	47.576	ug/L	98
35) Methylcyclohexane	7.385	83	94281	46.880	ug/L	90
37) 1,2-Dichloropropane	7.434	63	60995	46.409	ug/L #	92
38) Bromodichloromethane	7.824	83	96767	48.191	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	106353	49.790	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	178760	87.581	ug/L #	84
42) Toluene	8.720	91	248715	49.198	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	108117	49.160	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	60855	49.460	ug/L	94
46) Tetrachloroethene	9.275	164	43694	50.225	ug/L	96
48) 2-Hexanone	9.433	43	138873	82.320	ug/L #	86
49) Dibromochloromethane	9.525	129	73450	53.033	ug/L	98
50) 1,2-Dibromoethane	9.616	107	67843	49.979	ug/L	95
51) Chlorobenzene	10.079	112	151852	50.229	ug/L	90
52) Ethylbenzene	10.195	91	290286	49.759	ug/L	97
53) m,p-Xylene	10.305	106	100432	50.050	ug/L	98
54) o-Xylene	10.646	106	98179	50.050	ug/L	97
55) Styrene	10.659	104	168530	50.797	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	98394	49.695	ug/L	94
59) Bromoform	10.805	173	47193	50.426	ug/L	96
60) Isopropylbenzene	10.963	105	285938	49.374	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	85041	45.950	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	250395	49.922	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	249117	49.544	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	115681	51.328	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	113620	48.747	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	117221	50.915	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	28197	46.720	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	82182	50.771	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	71000	51.746	ug/L	99
71) Naphthalene	13.780	128	266271	56.113	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	75635	53.604	ug/L	98

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

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