

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030674.D
 Acq On : 17 Aug 2022 20:42
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050788

Quant Time: Aug 18 04:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	331908	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	304043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	155620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106710	50.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.120%	
7) Chloroethane-d5	1.666	69	83278	55.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.840%	
11) 1,1-Dichloroethene-d2	2.306	63	214584	53.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.440%	
21) 2-Butanone-d5	4.465	46	197242	99.874	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 99.870%	
24) Chloroform-d	5.062	84	231464	52.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.500%	
26) 1,2-Dichloroethane-d4	5.964	65	143701	48.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.460%	
32) Benzene-d6	5.976	84	463045	53.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.340%	
36) 1,2-Dichloropropane-d6	7.312	67	154191	54.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.140%	
41) Toluene-d8	8.653	98	428379	52.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.360%	
43) trans-1,3-Dichloroprop...	8.952	79	64060	45.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 91.140%	
47) 2-Hexanone-d5	9.384	63	148477	103.088	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 103.090%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	204472	55.084	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.160%	
66) 1,2-Dichlorobenzene-d4	12.323	152	158183	52.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	109903	44.005	ug/L	98
3) Chloromethane	1.288	50	105438	49.097	ug/L	98
5) Vinyl chloride	1.374	62	113491	49.475	ug/L	98
6) Bromomethane	1.605	94	40065	37.167	ug/L	95
8) Chloroethane	1.685	64	68430	52.372	ug/L	100
9) Trichlorofluoromethane	1.886	101	166171	49.015	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	115374	57.217	ug/L	98
12) 1,1-Dichloroethene	2.319	96	106151	57.141	ug/L	75
13) Acetone	2.386	43	127675	88.210	ug/L	92
14) Carbon disulfide	2.514	76	229475	38.112	ug/L	99
15) Methyl Acetate	2.709	43	153045	51.085	ug/L	97
16) Methylene chloride	2.794	84	127704	54.213	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	109092	50.688	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	390832	53.399	ug/L	96
19) 1,1-Dichloroethane	3.617	63	223595	53.715	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	134854	55.701	ug/L	93
22) 2-Butanone	4.568	43	217069	95.068	ug/L	94
23) Bromochloromethane	4.903	128	66878	55.084	ug/L	99
25) Chloroform	5.099	83	237657	54.339	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	174622	47.971	ug/L	96
29) Cyclohexane	5.477	56	186115	46.045	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	191950	47.862	ug/L	97
31) Carbon tetrachloride	5.684	117	157169	47.482	ug/L	98
33) Benzene	6.044	78	508919	52.206	ug/L	100
34) Trichloroethene	7.129	95	136477	48.339	ug/L	89
35) Methylcyclohexane	7.385	83	190043	46.237	ug/L	97
37) 1,2-Dichloropropane	7.434	63	139383	53.776	ug/L	100
38) Bromodichloromethane	7.824	83	169665	49.460	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	192213	49.713	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	431904	95.688	ug/L	96
42) Toluene	8.720	91	534656	51.919	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	184114	48.651	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	134328	55.735	ug/L	99
46) Tetrachloroethene	9.281	164	87527	49.053	ug/L	96
48) 2-Hexanone	9.433	43	331697	94.582	ug/L	95
49) Dibromochloromethane	9.525	129	127046	49.549	ug/L	97
50) 1,2-Dibromoethane	9.610	107	135083	50.967	ug/L	99
51) Chlorobenzene	10.079	112	341725	53.264	ug/L	98
52) Ethylbenzene	10.195	91	586109	52.198	ug/L	98
53) m,p-Xylene	10.305	106	220725	52.740	ug/L	95
54) o-Xylene	10.646	106	221881	53.204	ug/L	92
55) Styrene	10.659	104	384475	54.753	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	210689	57.453	ug/L	98
59) Bromoform	10.799	173	80578	47.548	ug/L	99
60) Isopropylbenzene	10.963	105	578570	52.451	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	179053	53.576	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	495815	52.649	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	496473	52.203	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	252284	52.612	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	253210	51.945	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	264147	53.269	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	50316	45.641	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	169632	50.444	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	151247	51.213	ug/L	99
71) Naphthalene	13.780	128	641169	52.448	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	161438	51.750	ug/L	99

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

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