

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030605.D
 Acq On : 12 Aug 2022 19:29
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050780

Quant Time: Aug 12 23:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 23:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	240223	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	216407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111254	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60151	38.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.980%
7) Chloroethane-d5	1.666	69	50634	46.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	2.306	63	143837	49.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.580%
21) 2-Butanone-d5	4.477	46	185807	129.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.990%
24) Chloroform-d	5.068	84	168899	53.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.380%
26) 1,2-Dichloroethane-d4	5.964	65	116635	54.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.180%
32) Benzene-d6	5.983	84	297141	47.934	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
36) 1,2-Dichloropropane-d6	7.318	67	105154	52.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.560%
41) Toluene-d8	8.653	98	273156	46.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.500%
43) trans-1,3-Dichloroprop...	8.952	79	47803	47.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
47) 2-Hexanone-d5	9.391	63	121201	118.228	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.230%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	154598	58.514	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	104508	48.431	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84747	46.883	ug/L	98
3) Chloromethane	1.288	50	68729	44.218	ug/L	99
5) Vinyl chloride	1.374	62	80817	48.678	ug/L	95
6) Bromomethane	1.611	94	27812	35.648	ug/L	99
8) Chloroethane	1.691	64	50444	53.341	ug/L	98
9) Trichlorofluoromethane	1.886	101	125508	51.151	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76628	52.506	ug/L	96
12) 1,1-Dichloroethene	2.319	96	71631	53.275	ug/L	85
13) Acetone	2.404	43	116046	110.776	ug/L	97
14) Carbon disulfide	2.514	76	186918	42.892	ug/L	100
15) Methyl Acetate	2.715	43	122250	56.380	ug/L	97
16) Methylene chloride	2.788	84	87043	51.054	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	76307	48.987	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	280446	52.942	ug/L	99
19) 1,1-Dichloroethane	3.611	63	164417	54.573	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	91309	52.109	ug/L	92
22) 2-Butanone	4.580	43	191423	115.833	ug/L	96
23) Bromochloromethane	4.910	128	43543	49.552	ug/L	91
25) Chloroform	5.105	83	176572	55.781	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	145483	55.220	ug/L	96
29) Cyclohexane	5.477	56	135396	47.062	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	148485	52.017	ug/L	99
31) Carbon tetrachloride	5.684	117	120891	51.312	ug/L	99
33) Benzene	6.050	78	346455	49.933	ug/L	100
34) Trichloroethene	7.129	95	97171	48.354	ug/L	87
35) Methylcyclohexane	7.385	83	135301	46.249	ug/L	98
37) 1,2-Dichloropropane	7.434	63	100462	54.456	ug/L	99
38) Bromodichloromethane	7.824	83	133619	54.726	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	141301	51.345	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	362068	112.700	ug/L	97
42) Toluene	8.720	91	368581	50.286	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	141086	52.379	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	91009	53.053	ug/L	99
46) Tetrachloroethene	9.281	164	58541	46.095	ug/L	99
48) 2-Hexanone	9.433	43	287458	115.160	ug/L	97
49) Dibromochloromethane	9.525	129	94520	51.792	ug/L	96
50) 1,2-Dibromoethane	9.616	107	94906	50.309	ug/L	98
51) Chlorobenzene	10.086	112	229045	50.158	ug/L	99
52) Ethylbenzene	10.195	91	407141	50.943	ug/L	96
53) m,p-Xylene	10.305	106	149725	50.262	ug/L	94
54) o-Xylene	10.646	106	149409	50.334	ug/L	95
55) Styrene	10.659	104	262359	52.493	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	150322	57.591	ug/L	98
59) Bromoform	10.805	173	61893	51.087	ug/L	99
60) Isopropylbenzene	10.970	105	418941	53.125	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	126978	53.146	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	345120	51.261	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	356849	52.484	ug/L	95
64) 1,3-Dichlorobenzene	11.975	146	171685	50.082	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	177342	50.889	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	180440	50.899	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	40325	51.165	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	120563	50.150	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	98102	46.465	ug/L	95
71) Naphthalene	13.780	128	431963	49.426	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	109340	49.027	ug/L	98

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

