

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030478.D
 Acq On : 06 Aug 2022 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050769

Quant Time: Aug 07 00:19:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	300786	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	265547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126414	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79857	41.343	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.680%
7) Chloroethane-d5	1.666	69	61417	45.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.306	63	163685	44.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
21) 2-Butanone-d5	4.471	46	196724	109.919	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.920%
24) Chloroform-d	5.068	84	184681	46.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
26) 1,2-Dichloroethane-d4	5.964	65	126549	46.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
32) Benzene-d6	5.983	84	334845	44.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	7.312	67	113534	46.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.000%
41) Toluene-d8	8.653	98	291581	40.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.340%
43) trans-1,3-Dichloroprop...	8.952	79	48889	39.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.640%
47) 2-Hexanone-d5	9.391	63	131697	104.694	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.690%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	160443	49.489	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	110504	45.068	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102653	45.355	ug/L	100
3) Chloromethane	1.294	50	102158	52.492	ug/L	99
5) Vinyl chloride	1.374	62	105430	50.717	ug/L	99
6) Bromomethane	1.611	94	48058	49.195	ug/L	97
8) Chloroethane	1.685	64	61301	51.770	ug/L	96
9) Trichlorofluoromethane	1.886	101	141124	45.934	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	83522	45.706	ug/L	98
12) 1,1-Dichloroethene	2.319	96	85096	50.546	ug/L #	82
13) Acetone	2.392	43	136195	103.832	ug/L	100
14) Carbon disulfide	2.514	76	229968	42.145	ug/L	100
15) Methyl Acetate	2.709	43	145476	53.582	ug/L	99
16) Methylene chloride	2.788	84	106420	49.852	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	94322	48.360	ug/L	97
18) Methyl tert-butyl Ether	3.123	73	329944	49.745	ug/L	99
19) 1,1-Dichloroethane	3.611	63	190602	50.526	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	109746	50.020	ug/L	99
22) 2-Butanone	4.574	43	221843	107.212	ug/L	98
23) Bromochloromethane	4.910	128	54523	49.554	ug/L	92
25) Chloroform	5.105	83	200273	50.529	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	166887	50.590	ug/L	98
29) Cyclohexane	5.477	56	147993	41.922	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	163909	46.795	ug/L	99
31) Carbon tetrachloride	5.684	117	130395	45.104	ug/L	98
33) Benzene	6.044	78	417344	49.019	ug/L	100
34) Trichloroethene	7.135	95	113895	46.188	ug/L	92
35) Methylcyclohexane	7.385	83	136869	38.127	ug/L	98
37) 1,2-Dichloropropane	7.440	63	111619	49.307	ug/L	100
38) Bromodichloromethane	7.830	83	144402	48.198	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	152296	45.099	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	419912	106.518	ug/L	99
42) Toluene	8.720	91	423648	47.103	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	147483	44.621	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	105908	50.314	ug/L	96
46) Tetrachloroethene	9.281	164	66439	42.633	ug/L	96
48) 2-Hexanone	9.433	43	336626	109.902	ug/L	99
49) Dibromochloromethane	9.525	129	104472	46.652	ug/L	99
50) 1,2-Dibromoethane	9.616	107	111126	48.006	ug/L	100
51) Chlorobenzene	10.079	112	263836	47.085	ug/L	100
52) Ethylbenzene	10.195	91	447960	45.678	ug/L	98
53) m,p-Xylene	10.305	106	163566	44.748	ug/L	95
54) o-Xylene	10.646	106	168446	46.246	ug/L	97
55) Styrene	10.659	104	294095	47.953	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	161070	50.290	ug/L	96
59) Bromoform	10.805	173	67429	48.982	ug/L	99
60) Isopropylbenzene	10.963	105	420511	46.929	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	148896	54.846	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	366291	47.881	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	369091	47.775	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	182151	46.763	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	183127	46.247	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	193116	47.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	45022	50.274	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	122926	45.001	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	111429	46.448	ug/L	98
71) Naphthalene	13.780	128	499468	50.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	117859	46.509	ug/L	97

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

