

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030539.D
 Acq On : 10 Aug 2022 09:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050775

Quant Time: Aug 10 11:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	294987	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	275426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	92331	48.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.480%
7) Chloroethane-d5	1.673	69	72149	54.027	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.060%
11) 1,1-Dichloroethene-d2	2.307	63	185775	51.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.680%
21) 2-Butanone-d5	4.471	46	200468	114.213	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.210%
24) Chloroform-d	5.062	84	213890	54.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.700%
26) 1,2-Dichloroethane-d4	5.958	65	144815	54.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.380%
32) Benzene-d6	5.971	84	391455	49.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	7.312	67	134688	52.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	8.647	98	363233	48.843	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	8.952	79	64880	50.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.900%
47) 2-Hexanone-d5	9.385	63	135782	104.069	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.070%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	192876	57.359	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.720%
66) 1,2-Dichlorobenzene-d4	12.323	152	135240	49.941	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	120550	54.309	ug/L	100
3) Chloromethane	1.295	50	95410	49.988	ug/L	100
5) Vinyl chloride	1.374	62	104986	51.496	ug/L	96
6) Bromomethane	1.612	94	40990	42.785	ug/L	97
8) Chloroethane	1.691	64	66134	56.949	ug/L	96
9) Trichlorofluoromethane	1.886	101	163159	54.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93457	52.149	ug/L	96
12) 1,1-Dichloroethene	2.319	96	83376	50.498	ug/L	87
13) Acetone	2.398	43	145005	112.722	ug/L	99
14) Carbon disulfide	2.508	76	262389	49.032	ug/L	100
15) Methyl Acetate	2.709	43	143025	53.715	ug/L	99
16) Methylene chloride	2.788	84	109390	52.250	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	98772	51.637	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	350639	53.904	ug/L	98
19) 1,1-Dichloroethane	3.611	63	206381	55.785	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	113204	52.611	ug/L	98
22) 2-Butanone	4.568	43	224015	110.390	ug/L	98
23) Bromochloromethane	4.898	128	55567	51.496	ug/L	91
25) Chloroform	5.099	83	214433	55.165	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	179516	55.488	ug/L	95
29) Cyclohexane	5.471	56	185565	50.679	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	184731	50.848	ug/L	99
31) Carbon tetrachloride	5.678	117	154509	51.529	ug/L	99
33) Benzene	6.038	78	446504	50.563	ug/L	100
34) Trichloroethene	7.123	95	122804	48.015	ug/L	89
35) Methylcyclohexane	7.379	83	188595	50.652	ug/L	95
37) 1,2-Dichloropropane	7.434	63	119486	50.889	ug/L	99
38) Bromodichloromethane	7.824	83	163958	52.762	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	182893	52.217	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	419469	102.589	ug/L	98
42) Toluene	8.720	91	468690	50.242	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	185492	54.108	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	112146	51.366	ug/L	97
46) Tetrachloroethene	9.275	164	79403	49.124	ug/L	98
48) 2-Hexanone	9.433	43	338811	106.648	ug/L	99
49) Dibromochloromethane	9.525	129	118393	50.972	ug/L	97
50) 1,2-Dibromoethane	9.610	107	119790	49.893	ug/L	98
51) Chlorobenzene	10.080	112	302855	52.110	ug/L	96
52) Ethylbenzene	10.195	91	542595	53.344	ug/L	97
53) m,p-Xylene	10.299	106	196695	51.881	ug/L	98
54) o-Xylene	10.640	106	193090	51.111	ug/L	96
55) Styrene	10.659	104	338083	53.149	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	182792	55.025	ug/L	98
59) Bromoform	10.799	173	79888	52.545	ug/L	99
60) Isopropylbenzene	10.964	105	518837	52.427	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	162613	54.234	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	475609	56.292	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	476636	55.861	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	219809	51.094	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	222554	50.889	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	220501	49.564	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	50949	51.513	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	159680	52.928	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	141705	53.482	ug/L	95
71) Naphthalene	13.780	128	544218	49.620	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	145343	51.931	ug/L	100

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

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