

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030440.D
 Acq On : 05 Aug 2022 19:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050766

Quant Time: Aug 06 01:00:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 00:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	254947	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	224937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	107849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79637	48.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.280%
7) Chloroethane-d5	1.660	69	61600	53.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.740%
11) 1,1-Dichloroethene-d2	2.307	63	166195	53.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.320%
21) 2-Butanone-d5	4.471	46	187935	123.888	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.890%
24) Chloroform-d	5.068	84	183002	54.299	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.964	65	122628	53.586	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.180%
32) Benzene-d6	5.983	84	337032	52.308	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
36) 1,2-Dichloropropane-d6	7.318	67	112909	54.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.020%
41) Toluene-d8	8.653	98	303902	50.038	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.080%
43) trans-1,3-Dichloroprop...	8.952	79	52246	50.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.480%
47) 2-Hexanone-d5	9.391	63	126037	118.283	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.280%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156630	57.035	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.080%
66) 1,2-Dichlorobenzene-d4	12.323	152	112795	53.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	105117	54.794	ug/L	100
3) Chloromethane	1.295	50	93629	56.759	ug/L	100
5) Vinyl chloride	1.374	62	99562	56.505	ug/L	98
6) Bromomethane	1.612	94	42321	51.112	ug/L	98
8) Chloroethane	1.685	64	56146	55.942	ug/L	98
9) Trichlorofluoromethane	1.886	101	141694	54.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	87683	56.611	ug/L	98
12) 1,1-Dichloroethene	2.319	96	82371	57.725	ug/L #	77
13) Acetone	2.392	43	125815	113.165	ug/L	97
14) Carbon disulfide	2.508	76	236847	51.211	ug/L	100
15) Methyl Acetate	2.709	43	131925	57.328	ug/L	99
16) Methylene chloride	2.788	84	100803	55.711	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	89171	53.940	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	302731	53.848	ug/L	99
19) 1,1-Dichloroethane	3.611	63	175550	54.903	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	101343	54.495	ug/L	97
22) 2-Butanone	4.574	43	200076	114.077	ug/L	99
23) Bromochloromethane	4.910	128	50127	53.750	ug/L	96
25) Chloroform	5.105	83	185874	55.328	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	152869	54.672	ug/L	97
29) Cyclohexane	5.477	56	163045	54.524	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	157175	52.973	ug/L	99
31) Carbon tetrachloride	5.684	117	131540	53.715	ug/L	100
33) Benzene	6.044	78	396882	55.031	ug/L	100
34) Trichloroethene	7.129	95	112600	53.907	ug/L	89
35) Methylcyclohexane	7.385	83	156502	51.467	ug/L	98
37) 1,2-Dichloropropane	7.434	63	104385	54.437	ug/L	100
38) Bromodichloromethane	7.830	83	135170	53.262	ug/L	92
39) cis-1,3-Dichloropropene	8.373	75	147275	51.486	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	383536	114.855	ug/L	99
42) Toluene	8.720	91	412757	54.177	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	148485	53.035	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	96659	54.210	ug/L	97
46) Tetrachloroethene	9.275	164	69088	52.336	ug/L	98
48) 2-Hexanone	9.433	43	303214	116.866	ug/L	98
49) Dibromochloromethane	9.525	129	98326	51.834	ug/L	97
50) 1,2-Dibromoethane	9.616	107	103322	52.693	ug/L	97
51) Chlorobenzene	10.086	112	253430	53.393	ug/L	97
52) Ethylbenzene	10.195	91	452679	54.493	ug/L	100
53) m,p-Xylene	10.305	106	169980	54.898	ug/L	97
54) o-Xylene	10.647	106	165388	53.604	ug/L	97
55) Styrene	10.659	104	284412	54.747	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	149507	55.107	ug/L	99
59) Bromoform	10.805	173	63436	54.014	ug/L	98
60) Isopropylbenzene	10.964	105	436635	57.117	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	135015	58.294	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	373658	57.252	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	365722	55.488	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	179400	53.985	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	181679	53.780	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	191041	55.591	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	41900	54.842	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	126836	54.425	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	110246	53.865	ug/L	96
71) Naphthalene	13.780	128	473343	55.871	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	116284	53.787	ug/L	99

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

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