

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081522\
 Data File : VX030640.D
 Acq On : 15 Aug 2022 20:52
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050784

Quant Time: Aug 16 04:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	273064	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	252903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125593	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	54382	31.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.020%
7) Chloroethane-d5	1.666	69	49541	40.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.160%
11) 1,1-Dichloroethene-d2	2.306	63	140985	42.503	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.000%
21) 2-Butanone-d5	4.470	46	193364	119.010	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.010%
24) Chloroform-d	5.068	84	167066	46.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
26) 1,2-Dichloroethane-d4	5.964	65	113596	46.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
32) Benzene-d6	5.982	84	281814	38.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	7.311	67	100633	42.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.640%
41) Toluene-d8	8.653	98	251883	36.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.780%#
43) trans-1,3-Dichloroprop...	8.951	79	44205	37.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.620%
47) 2-Hexanone-d5	9.390	63	128349	107.133	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.130%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	162315	52.569	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.140%
66) 1,2-Dichlorobenzene-d4	12.323	152	105393	43.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98272	47.827	ug/L	99
3) Chloromethane	1.288	50	89185	50.478	ug/L	95
5) Vinyl chloride	1.373	62	98557	52.224	ug/L	99
6) Bromomethane	1.605	94	38336	43.227	ug/L	94
8) Chloroethane	1.684	64	59919	55.740	ug/L	97
9) Trichlorofluoromethane	1.886	101	151216	54.216	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	96204	57.991	ug/L	98
12) 1,1-Dichloroethene	2.318	96	86448	56.562	ug/L #	77
13) Acetone	2.385	43	133617	112.209	ug/L	97
14) Carbon disulfide	2.513	76	207887	41.967	ug/L	100
15) Methyl Acetate	2.709	43	143856	58.365	ug/L	98
16) Methylene chloride	2.794	84	105254	54.311	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	92438	52.206	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	346309	57.513	ug/L	99
19) 1,1-Dichloroethane	3.617	63	197582	57.694	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	109254	54.851	ug/L	99
22) 2-Butanone	4.568	43	213019	113.399	ug/L	100
23) Bromochloromethane	4.903	128	54339	54.401	ug/L	92
25) Chloroform	5.098	83	209989	58.359	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	170123	56.806	ug/L	98
29) Cyclohexane	5.482	56	164160	48.826	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	174505	52.311	ug/L	100
31) Carbon tetrachloride	5.684	117	139576	50.694	ug/L	99
33) Benzene	6.043	78	426672	52.620	ug/L	100
34) Trichloroethene	7.128	95	114683	48.833	ug/L	92
35) Methylcyclohexane	7.385	83	162146	47.427	ug/L	99
37) 1,2-Dichloropropane	7.433	63	119598	55.473	ug/L	100
38) Bromodichloromethane	7.823	83	149544	52.410	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	168239	52.311	ug/L	100
40) 4-Methyl-2-pentanone	8.579	43	414001	110.269	ug/L	99
42) Toluene	8.720	91	446046	52.073	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	162543	51.636	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	111039	55.389	ug/L	99
46) Tetrachloroethene	9.274	164	71613	48.250	ug/L	98
48) 2-Hexanone	9.433	43	323908	111.037	ug/L	99
49) Dibromochloromethane	9.524	129	109236	51.218	ug/L	96
50) 1,2-Dibromoethane	9.616	107	115037	52.181	ug/L #	96
51) Chlorobenzene	10.079	112	284057	53.228	ug/L	100
52) Ethylbenzene	10.195	91	512688	54.892	ug/L	98
53) m,p-Xylene	10.305	106	185551	53.300	ug/L	100
54) o-Xylene	10.646	106	183817	52.989	ug/L	98
55) Styrene	10.658	104	322255	55.172	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	182731	59.905	ug/L	98
59) Bromoform	10.805	173	67660	49.471	ug/L	99
60) Isopropylbenzene	10.963	105	492138	55.282	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	156469	58.012	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	426653	56.136	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	420890	54.836	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	209477	54.130	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	214985	54.648	ug/L	89
67) 1,2-Dichlorobenzene	12.335	146	225437	56.332	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	48947	55.015	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	145712	53.691	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	132838	55.734	ug/L	97
71) Naphthalene	13.780	128	574762	58.257	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	141633	56.256	ug/L	100

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

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