

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081322\
 Data File : VX030607.D
 Acq On : 13 Aug 2022 08:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050781

Quant Time: Aug 13 21:12:34 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	6.763	114	278020	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256294	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	130850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66307	37.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.280%
7) Chloroethane-d5	1.672	69	55022	43.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	2.307	63	162807	48.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.420%
21) 2-Butanone-d5	4.465	46	176288	106.566	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.570%
24) Chloroform-d	5.056	84	179732	48.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.958	65	122498	49.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.180%
32) Benzene-d6	5.977	84	312708	42.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.180%
36) 1,2-Dichloropropane-d6	7.312	67	111105	46.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.300%
41) Toluene-d8	8.647	98	287426	41.535	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.060%
43) trans-1,3-Dichloroprop...	8.952	79	52633	44.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.840%
47) 2-Hexanone-d5	9.384	63	116022	95.562	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.560%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	158324	50.598	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	109281	43.058	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99385	47.506	ug/L	97
3) Chloromethane	1.294	50	84464	46.954	ug/L	99
5) Vinyl chloride	1.374	62	91116	47.420	ug/L	96
6) Bromomethane	1.618	94	34608	38.328	ug/L	97
8) Chloroethane	1.691	64	56344	51.480	ug/L	99
9) Trichlorofluoromethane	1.886	101	144081	50.737	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	96479	57.120	ug/L	97
12) 1,1-Dichloroethene	2.319	96	83314	53.540	ug/L	85
13) Acetone	2.398	43	133438	110.061	ug/L	97
14) Carbon disulfide	2.514	76	219507	43.522	ug/L	100
15) Methyl Acetate	2.709	43	125555	50.032	ug/L	97
16) Methylene chloride	2.788	84	98980	50.163	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	88011	48.820	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	314654	51.324	ug/L	98
19) 1,1-Dichloroethane	3.611	63	186308	53.432	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	102122	50.357	ug/L	98
22) 2-Butanone	4.568	43	193955	101.409	ug/L	99
23) Bromochloromethane	4.898	128	52047	51.178	ug/L	90
25) Chloroform	5.093	83	198939	54.303	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	163268	53.545	ug/L	95
29) Cyclohexane	5.471	56	158335	46.470	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	166360	49.209	ug/L	99
31) Carbon tetrachloride	5.672	117	138933	49.793	ug/L	99
33) Benzene	6.038	78	399096	48.568	ug/L	100
34) Trichloroethene	7.123	95	106760	44.858	ug/L	94
35) Methylcyclohexane	7.385	83	159560	46.053	ug/L	97
37) 1,2-Dichloropropane	7.428	63	107891	49.381	ug/L	100
38) Bromodichloromethane	7.824	83	148401	51.321	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	162374	49.819	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	378418	99.458	ug/L	97
42) Toluene	8.720	91	420904	48.487	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	161857	50.738	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	99379	48.917	ug/L	98
46) Tetrachloroethene	9.275	164	68980	45.861	ug/L	99
48) 2-Hexanone	9.433	43	301362	101.941	ug/L	96
49) Dibromochloromethane	9.525	129	109890	50.843	ug/L	95
50) 1,2-Dibromoethane	9.610	107	106653	47.737	ug/L	98
51) Chlorobenzene	10.079	112	261481	48.350	ug/L	100
52) Ethylbenzene	10.195	91	472078	49.875	ug/L	98
53) m,p-Xylene	10.305	106	170661	48.374	ug/L	99
54) o-Xylene	10.640	106	170942	48.626	ug/L	96
55) Styrene	10.659	104	300866	50.829	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	161757	52.328	ug/L	98
59) Bromoform	10.799	173	72851	51.127	ug/L	99
60) Isopropylbenzene	10.963	105	463609	49.985	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	137634	48.979	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	402838	50.873	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	396381	49.568	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	195409	48.466	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	198083	48.328	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	195790	46.958	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	43492	46.920	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	138560	49.004	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	122116	49.177	ug/L	98
71) Naphthalene	13.774	128	462677	45.012	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	125751	47.941	ug/L	96

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

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