

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
 Data File : VX023662.D
 Acq On : 12 Aug 2021 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050685

Quant Time: Aug 13 00:58:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 12:02:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	335864	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	305897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	143683	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	83899	47.925	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.860%
7) Chloroethane-d5	1.660	69	71797	49.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.840%
11) 1,1-Dichloroethene-d2	2.306	63	190775	50.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.340%
21) 2-Butanone-d5	4.464	46	172253	102.060	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.060%
24) Chloroform-d	5.062	84	202716	51.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.280%
26) 1,2-Dichloroethane-d4	5.964	65	135554	49.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.760%
32) Benzene-d6	5.976	84	395536	51.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
36) 1,2-Dichloropropane-d6	7.311	67	125245	51.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.320%
41) Toluene-d8	8.653	98	380075	51.214	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.420%
43) trans-1,3-Dichloroprop...	8.951	79	59681	52.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.040%
47) 2-Hexanone-d5	9.384	63	122722	105.281	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.280%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	161154	49.895	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.780%
66) 1,2-Dichlorobenzene-d4	12.323	152	128177	50.836	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	113919	54.582	ug/L	99
3) Chloromethane	1.294	50	103058	51.906	ug/L	100
5) Vinyl chloride	1.373	62	104772	51.936	ug/L	99
6) Bromomethane	1.599	94	68455	54.619	ug/L	97
8) Chloroethane	1.684	64	67263	52.610	ug/L	99
9) Trichlorofluoromethane	1.886	101	182266	53.890	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	109018	55.171	ug/L	97
12) 1,1-Dichloroethene	2.318	96	91156	53.337	ug/L	88
13) Acetone	2.385	43	177895	119.718	ug/L	93
14) Carbon disulfide	2.513	76	178339	51.906	ug/L	97
15) Methyl Acetate	2.709	43	128127	51.741	ug/L	92
16) Methylene chloride	2.794	84	109941	51.666	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	94486	52.221	ug/L	94
18) Methyl tert-butyl Ether	3.123	73	349935	52.182	ug/L #	95
19) 1,1-Dichloroethane	3.617	63	194197	52.660	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	115670	52.911	ug/L	98
22) 2-Butanone	4.562	43	221184	109.234	ug/L	91
23) Bromochloromethane	4.903	128	61192	52.960	ug/L	97
25) Chloroform	5.098	83	212838	53.427	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	171442	53.358	ug/L	97
29) Cyclohexane	5.476	56	159277	54.110	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	180207	54.535	ug/L	97
31) Carbon tetrachloride	5.684	117	153419	55.287	ug/L	100
33) Benzene	6.043	78	435306	54.483	ug/L	100
34) Trichloroethene	7.129	95	116903	54.698	ug/L	96
35) Methylcyclohexane	7.385	83	172063	56.051	ug/L	99
37) 1,2-Dichloropropane	7.433	63	118151	53.900	ug/L	98
38) Bromodichloromethane	7.824	83	150850	55.166	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	177566	55.331	ug/L	97
40) 4-Methyl-2-pentanone	8.579	43	385171	109.037	ug/L	91
42) Toluene	8.720	91	481148	54.311	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	179612	55.572	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	121712	54.651	ug/L	99
46) Tetrachloroethene	9.274	164	92867	57.262	ug/L	95
48) 2-Hexanone	9.433	43	323395	113.365	ug/L #	88
49) Dibromochloromethane	9.524	129	125463	55.832	ug/L	97
50) 1,2-Dibromoethane	9.610	107	123981	54.374	ug/L #	99
51) Chlorobenzene	10.079	112	316868	53.841	ug/L	98
52) Ethylbenzene	10.195	91	526643	54.309	ug/L	96
53) m,p-Xylene	10.305	106	199780	54.025	ug/L	100
54) o-Xylene	10.646	106	196593	53.372	ug/L	94
55) Styrene	10.658	104	338126	54.494	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	173736	51.324	ug/L	99
59) Bromoform	10.805	173	82622	53.627	ug/L #	99
60) Isopropylbenzene	10.963	105	535733	54.938	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	150746	52.158	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	435851	55.233	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	441430	55.018	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	229303	53.827	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	227803	53.718	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	225168	53.847	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	35284	52.432	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	164262	55.858	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	142679	56.340	ug/L	98
71) Naphthalene	13.780	128	496632	56.567	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	148474	56.912	ug/L	99

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

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