

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021522\
 Data File : VX027031.D
 Acq On : 15 Feb 2022 15:27
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050753

Quant Time: Feb 16 01:36:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 16 01:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	122160	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	117498	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62385	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	45378	41.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.700%
7) Chloroethane-d5	1.666	69	35373	50.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.680%
11) 1,1-Dichloroethene-d2	2.313	63	94699	45.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
21) 2-Butanone-d5	4.446	46	75030	99.615	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	5.056	84	98408	48.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
26) 1,2-Dichloroethane-d4	5.952	65	63219	47.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
32) Benzene-d6	5.976	84	196057	46.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	7.306	67	60777	48.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.680%
41) Toluene-d8	8.647	98	180571	46.626	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.260%
43) trans-1,3-Dichloroprop...	8.952	79	25857	45.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.200%
47) 2-Hexanone-d5	9.384	63	56569	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	76439	51.442	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	70766	49.938	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	65829	50.206	ug/L	100
3) Chloromethane	1.294	50	52436	50.816	ug/L	99
5) Vinyl chloride	1.374	62	50099	48.291	ug/L	99
6) Bromomethane	1.611	94	27692	62.749	ug/L	99
8) Chloroethane	1.691	64	29088	51.865	ug/L	97
9) Trichlorofluoromethane	1.892	101	70034	48.528	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	47113	50.637	ug/L	99
12) 1,1-Dichloroethene	2.325	96	42923	50.218	ug/L #	79
13) Acetone	2.373	43	45950	72.489	ug/L	98
14) Carbon disulfide	2.514	76	117878	46.554	ug/L	99
15) Methyl Acetate	2.703	43	49975	51.036	ug/L	99
16) Methylene chloride	2.788	84	47598	50.840	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	45893	50.745	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	140589	50.654	ug/L	99
19) 1,1-Dichloroethane	3.611	63	81200	50.338	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	50745	51.132	ug/L	97
22) 2-Butanone	4.550	43	71593	88.179	ug/L	100
23) Bromochloromethane	4.891	128	25770	50.850	ug/L	96
25) Chloroform	5.093	83	86200	49.955	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	67730	50.747	ug/L	97
29) Cyclohexane	5.470	56	79245	49.193	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	73002	47.745	ug/L	99
31) Carbon tetrachloride	5.678	117	64633	47.652	ug/L	99
33) Benzene	6.037	78	188112	49.549	ug/L	100
34) Trichloroethene	7.123	95	54454	50.142	ug/L	99
35) Methylcyclohexane	7.385	83	81952	49.935	ug/L	100
37) 1,2-Dichloropropane	7.427	63	47336	49.575	ug/L	100
38) Bromodichloromethane	7.818	83	61829	48.240	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	70918	49.556	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	138859	102.306	ug/L	99
42) Toluene	8.720	91	205356	50.379	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	65859	48.968	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	47004	50.346	ug/L	99
46) Tetrachloroethene	9.275	164	39775	49.466	ug/L	99
48) 2-Hexanone	9.427	43	105661	96.155	ug/L	98
49) Dibromochloromethane	9.519	129	49147	48.001	ug/L	98
50) 1,2-Dibromoethane	9.610	107	49392	50.395	ug/L	100
51) Chlorobenzene	10.079	112	132125	50.619	ug/L	100
52) Ethylbenzene	10.195	91	224173	51.127	ug/L	99
53) m,p-Xylene	10.299	106	88471	51.180	ug/L	99
54) o-Xylene	10.640	106	85964	51.987	ug/L	99
55) Styrene	10.652	104	149362	53.335	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	64432	52.119	ug/L	100
59) Bromoform	10.799	173	32416	45.283	ug/L	99
60) Isopropylbenzene	10.963	105	226726	50.302	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	58584	49.509	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	159012	51.147	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	195011	51.649	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	102669	51.205	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	103189	51.142	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	100086	51.630	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	13480	46.913	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	71491	51.886	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	62448	51.336	ug/L	99
71) Naphthalene	13.774	128	210685	52.016	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	62404	51.307	ug/L	99

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

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