

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110722\
 Data File : VU051767.D
 Acq On : 07 Nov 2022 14:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050118

Quant Time: Nov 08 00:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 27 01:27:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	513853	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	505508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	279398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	192991	47.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.660%
7) Chloroethane-d5	1.909	69	172424	51.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.660%
11) 1,1-Dichloroethene-d2	2.565	63	323617	46.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
21) 2-Butanone-d5	4.616	46	287036	99.868	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.870%
24) Chloroform-d	5.063	84	368375	49.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
26) 1,2-Dichloroethane-d4	5.700	65	223839	48.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	5.726	84	756720	55.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.560%
36) 1,2-Dichloropropane-d6	6.690	67	242655	53.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.960%
41) Toluene-d8	7.896	98	703237	56.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.720%
43) trans-1,3-Dichloroprop...	8.179	79	104302	54.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.980%
47) 2-Hexanone-d5	8.632	63	220944	111.898	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	381514	48.853	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	267255	51.097	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	168267	37.469	ug/L	98
3) Chloromethane	1.523	50	187809	32.720	ug/L	98
5) Vinyl chloride	1.604	62	223017	39.258	ug/L	94
6) Bromomethane	1.848	94	93621	31.707	ug/L	97
8) Chloroethane	1.932	64	145679	42.910	ug/L	99
9) Trichlorofluoromethane	2.137	101	272060	41.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	172423	42.922	ug/L	98
12) 1,1-Dichloroethene	2.578	96	163427	42.915	ug/L	96
13) Acetone	2.623	43	226783	69.246	ug/L	96
14) Carbon disulfide	2.790	76	486938	39.258	ug/L	99
15) Methyl Acetate	2.944	43	221860	44.794	ug/L	97
16) Methylene chloride	3.044	84	239562	47.925	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	177632	45.355	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	570932	50.978	ug/L	99
19) 1,1-Dichloroethane	3.867	63	349919	45.298	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	207382	48.535	ug/L	97
22) 2-Butanone	4.697	43	333575	87.761	ug/L	98
23) Bromochloromethane	4.973	128	117442	48.989	ug/L	95
25) Chloroform	5.086	83	363509	45.644	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	279122	45.137	ug/L	100
29) Cyclohexane	5.388	56	256889	48.369	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	274412	45.767	ug/L	99
31) Carbon tetrachloride	5.523	117	229405	45.315	ug/L	99
33) Benzene	5.774	78	829192	50.177	ug/L	100
34) Trichloroethene	6.542	95	191107	47.924	ug/L	95
35) Methylcyclohexane	6.761	83	291488	51.097	ug/L	97
37) 1,2-Dichloropropane	6.790	63	228568	50.436	ug/L	100
38) Bromodichloromethane	7.105	83	283050	49.063	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	320480	53.638	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	617015	101.897	ug/L	98
42) Toluene	7.970	91	883659	52.107	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	307616	52.904	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	225702	49.900	ug/L	99
46) Tetrachloroethene	8.552	164	150058	50.413	ug/L	99
48) 2-Hexanone	8.684	43	495718	95.803	ug/L	98
49) Dibromochloromethane	8.809	129	235828	50.941	ug/L	100
50) 1,2-Dibromoethane	8.922	107	236887	51.109	ug/L	98
51) Chlorobenzene	9.446	112	561796	50.589	ug/L	99
52) Ethylbenzene	9.571	91	887761	51.912	ug/L	98
53) m,p-Xylene	9.693	106	356685	54.112	ug/L	98
54) o-Xylene	10.102	106	351577	53.771	ug/L	94
55) Styrene	10.115	104	627438	55.222	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	403468	46.748	ug/L	99
59) Bromoform	10.288	173	176457	45.346	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	308283	42.577	ug/L	100
61) Isopropylbenzene	10.484	105	867052	49.416	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	734623	49.288	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	747612	50.940	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	443542	49.523	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	448434	48.686	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	451293	48.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	84640	43.311	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	311151	51.788	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	264390	57.157	ug/L	99
71) Naphthalene	14.085	128	926740	62.596	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	297070	59.828	ug/L	99

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

