

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092922\
 Data File : VU051024.D
 Acq On : 30 Sep 2022 09:21
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050101

Quant Time: Sep 30 22:19:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	336214	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	397639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198104	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	155059	45.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.020%
7) Chloroethane-d5	1.906	69	186901	59.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.100%
11) 1,1-Dichloroethene-d2	2.568	63	234984	46.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.380%
21) 2-Butanone-d5	4.623	46	218015	98.651	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.650%
24) Chloroform-d	5.063	84	269748	49.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	5.700	65	167487	49.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
32) Benzene-d6	5.726	84	531000	45.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.687	67	173820	46.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.000%
41) Toluene-d8	7.896	98	490210	45.565	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	8.176	79	73744	40.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.840%
47) 2-Hexanone-d5	8.632	63	129896	85.139	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.140%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	346935	52.537	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.080%
66) 1,2-Dichlorobenzene-d4	12.192	152	204087	48.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	130093	46.143	ug/L	99
3) Chloromethane	1.520	50	162298	48.723	ug/L	97
5) Vinyl chloride	1.604	62	164745	46.602	ug/L	99
6) Bromomethane	1.854	94	142796	48.764	ug/L	98
8) Chloroethane	1.928	64	148451	57.187	ug/L	99
9) Trichlorofluoromethane	2.134	101	246963	51.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	118447	46.147	ug/L	98
12) 1,1-Dichloroethene	2.578	96	113552	47.360	ug/L	97
13) Acetone	2.632	43	156484	88.673	ug/L	99
14) Carbon disulfide	2.790	76	324382	45.769	ug/L	100
15) Methyl Acetate	2.948	43	166402	51.648	ug/L	99
16) Methylene chloride	3.041	84	153390	44.566	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	121638	47.688	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	398173	51.367	ug/L	100
19) 1,1-Dichloroethane	3.867	63	246745	50.926	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	142046	49.875	ug/L	98
22) 2-Butanone	4.703	43	239556	98.250	ug/L	99
23) Bromochloromethane	4.970	128	78208	50.118	ug/L	94
25) Chloroform	5.086	83	262044	49.721	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	206039	51.036	ug/L	100
29) Cyclohexane	5.388	56	167160	43.174	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	204386	43.827	ug/L	99
31) Carbon tetrachloride	5.523	117	163000	42.839	ug/L	96
33) Benzene	5.771	78	576422	47.549	ug/L	100
34) Trichloroethene	6.542	95	137752	43.871	ug/L	98
35) Methylcyclohexane	6.764	83	179687	42.046	ug/L	98
37) 1,2-Dichloropropane	6.790	63	154842	47.431	ug/L	99
38) Bromodichloromethane	7.102	83	196602	45.127	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	197867	42.798	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	456801	96.622	ug/L	99
42) Toluene	7.967	91	604648	46.892	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	195074	41.730	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	162843	46.052	ug/L	100
46) Tetrachloroethene	8.552	164	97990	41.181	ug/L	97
48) 2-Hexanone	8.684	43	398348	92.765	ug/L	99
49) Dibromochloromethane	8.806	129	162101	43.602	ug/L	98
50) 1,2-Dibromoethane	8.922	107	169584	44.233	ug/L	99
51) Chlorobenzene	9.446	112	414609	47.282	ug/L	99
52) Ethylbenzene	9.568	91	712219	51.782	ug/L	99
53) m,p-Xylene	9.690	106	274611	53.094	ug/L	98
54) o-Xylene	10.098	106	278127	53.799	ug/L	98
55) Styrene	10.111	104	487429	54.552	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	341962	54.642	ug/L	99
59) Bromoform	10.288	173	144448	49.556	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	280331	53.773	ug/L	98
61) Isopropylbenzene	10.481	105	663894	51.588	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	550853	52.347	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	555578	52.677	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	315416	47.543	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	306876	46.274	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	333854	48.979	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	77919	51.217	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	193544	43.020	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	144109	39.150	ug/L	98
71) Naphthalene	14.085	128	488864	37.106	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	151248	36.823	ug/L	98

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

