

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048160.D
 Acq On : 20 Apr 2022 21:56
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050091

Quant Time: Apr 21 02:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	379967	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	383972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	214659	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124866	45.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.640%
7) Chloroethane-d5	1.913	69	103474	47.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.260%
11) 1,1-Dichloroethene-d2	2.572	63	220225	43.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.360%
21) 2-Butanone-d5	4.620	46	219301	92.727	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.730%
24) Chloroform-d	5.067	84	239139	47.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
26) 1,2-Dichloroethane-d4	5.703	65	141221	45.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
32) Benzene-d6	5.729	84	477789	49.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
36) 1,2-Dichloropropane-d6	6.690	67	155575	52.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.860%
41) Toluene-d8	7.899	98	442843	47.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	8.179	79	66472	44.219	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
47) 2-Hexanone-d5	8.632	63	164132	94.491	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.490%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	240930	47.313	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.620%
66) 1,2-Dichlorobenzene-d4	12.192	152	186183	48.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	139655	39.645	ug/L	100
3) Chloromethane	1.523	50	146137	43.379	ug/L	98
5) Vinyl chloride	1.607	62	158895	46.246	ug/L	99
6) Bromomethane	1.855	94	64703	34.988	ug/L	97
8) Chloroethane	1.935	64	97987	45.430	ug/L	99
9) Trichlorofluoromethane	2.141	101	207028	42.730	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	130252	46.509	ug/L	98
12) 1,1-Dichloroethene	2.581	96	119629	45.898	ug/L	90
13) Acetone	2.623	43	151285	68.739	ug/L	98
14) Carbon disulfide	2.797	76	297552	36.116	ug/L	100
15) Methyl Acetate	2.948	43	176144	50.191	ug/L	97
16) Methylene chloride	3.047	84	154131	51.533	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	130357	46.369	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	423870	53.443	ug/L	98
19) 1,1-Dichloroethane	3.874	63	254329	52.456	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	155481	50.448	ug/L	98
22) 2-Butanone	4.700	43	249113	87.868	ug/L	97
23) Bromochloromethane	4.977	128	84316	49.827	ug/L	96
25) Chloroform	5.089	83	265598	50.881	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	196489	48.721	ug/L	98
29) Cyclohexane	5.391	56	190505	48.894	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	218358	50.153	ug/L	100
31) Carbon tetrachloride	5.527	117	186548	47.449	ug/L	99
33) Benzene	5.774	78	621218	55.894	ug/L	100
34) Trichloroethene	6.543	95	145696	50.002	ug/L	99
35) Methylcyclohexane	6.764	83	203976	46.015	ug/L	98
37) 1,2-Dichloropropane	6.793	63	159092	56.308	ug/L	100
38) Bromodichloromethane	7.105	83	201651	51.973	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	227374	51.865	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	461916	103.441	ug/L	99
42) Toluene	7.970	91	626295	51.357	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	220564	50.390	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	161844	54.011	ug/L	99
46) Tetrachloroethene	8.555	164	120473	46.009	ug/L	99
48) 2-Hexanone	8.684	43	370846	96.545	ug/L	99
49) Dibromochloromethane	8.809	129	172815	49.793	ug/L	100
50) 1,2-Dibromoethane	8.925	107	171737	51.122	ug/L	99
51) Chlorobenzene	9.446	112	607033	73.311	ug/L	98
52) Ethylbenzene	9.571	91	652084	50.855	ug/L	100
53) m,p-Xylene	9.694	106	261697	52.014	ug/L	99
54) o-Xylene	10.102	106	256639	51.972	ug/L	98
55) Styrene	10.115	104	433510	51.420	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	288198	51.302	ug/L	99
59) Bromoform	10.292	173	140373	51.140	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	221444	54.722	ug/L	99
61) Isopropylbenzene	10.485	105	645755	55.663	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	343390	54.554	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	527705	55.192	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	340478	52.802	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	448441	67.142	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	424994	65.870	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	63816	49.231	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	251418	48.009	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	234893	51.208	ug/L	99
71) Naphthalene	14.086	128	670379	49.020	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	233999	50.887	ug/L	99

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

