

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050449.D
 Acq On : 26 Aug 2022 11:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050176

Quant Time: Aug 27 02:42:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	340589	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	162919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171651	42.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.240%
7) Chloroethane-d5	1.903	69	137567	46.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.320%
11) 1,1-Dichloroethene-d2	2.565	63	251679	44.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
21) 2-Butanone-d5	4.620	46	237322	90.032	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.030%
24) Chloroform-d	5.063	84	289574	44.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
26) 1,2-Dichloroethane-d4	5.700	65	176257	43.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
32) Benzene-d6	5.726	84	583556	47.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.690	67	187011	45.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	7.896	98	521343	48.195	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.179	79	79157	46.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.680%
47) 2-Hexanone-d5	8.632	63	142862	93.999	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	284265	45.002	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	181158	46.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	122950	46.182	ug/L	99
3) Chloromethane	1.517	50	141639	45.713	ug/L	100
5) Vinyl chloride	1.601	62	137113	45.255	ug/L	99
6) Bromomethane	1.842	94	63558	56.732	ug/L	97
8) Chloroethane	1.925	64	89891	48.836	ug/L	98
9) Trichlorofluoromethane	2.131	101	181608	47.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	112689	47.683	ug/L	99
12) 1,1-Dichloroethene	2.575	96	98126	46.966	ug/L	94
13) Acetone	2.626	43	197270	113.821	ug/L	98
14) Carbon disulfide	2.790	76	221262	41.501	ug/L	99
15) Methyl Acetate	2.948	43	152343	48.856	ug/L	99
16) Methylene chloride	3.041	84	137285	47.148	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	104961	47.790	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	369707	53.184	ug/L	99
19) 1,1-Dichloroethane	3.867	63	231773	48.709	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	133155	50.627	ug/L	97
22) 2-Butanone	4.700	43	253409	107.884	ug/L	99
23) Bromochloromethane	4.973	128	70372	48.989	ug/L	98
25) Chloroform	5.086	83	249572	49.233	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	187528	49.592	ug/L	98
29) Cyclohexane	5.388	56	153249	49.793	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	189409	49.482	ug/L	99
31) Carbon tetrachloride	5.523	117	152973	48.697	ug/L	100
33) Benzene	5.774	78	521851	51.516	ug/L	100
34) Trichloroethene	6.542	95	120422	50.222	ug/L	99
35) Methylcyclohexane	6.761	83	165150	49.257	ug/L	99
37) 1,2-Dichloropropane	6.790	63	147780	50.224	ug/L	99
38) Bromodichloromethane	7.105	83	187668	49.991	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	198864	51.466	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	426689	109.123	ug/L	100
42) Toluene	7.970	91	540841	52.993	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	189588	52.639	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	148314	51.225	ug/L	98
46) Tetrachloroethene	8.552	164	85718	48.674	ug/L	97
48) 2-Hexanone	8.684	43	357561	109.499	ug/L	95
49) Dibromochloromethane	8.809	129	150943	50.329	ug/L	95
50) 1,2-Dibromoethane	8.922	107	146124	50.501	ug/L	99
51) Chlorobenzene	9.446	112	339968	50.760	ug/L	98
52) Ethylbenzene	9.568	91	543640	52.851	ug/L	99
53) m,p-Xylene	9.693	106	205221	53.424	ug/L	100
54) o-Xylene	10.099	106	210066	55.043	ug/L	97
55) Styrene	10.115	104	369515	56.902	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	268408	50.734	ug/L	100
59) Bromoform	10.291	173	111606	47.837	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	205579	48.967	ug/L	99
61) Isopropylbenzene	10.484	105	532534	52.846	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	431836	53.073	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	431149	54.328	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	250350	50.810	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	249120	50.205	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	264743	51.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	55690	49.911	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	172983	50.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	140407	51.620	ug/L	99
71) Naphthalene	14.086	128	473153	53.029	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	160123	53.863	ug/L	99

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

