

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048458.D
 Acq On : 06 May 2022 16:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050118

Quant Time: May 06 23:39:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	423744	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	414486	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	210751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	169734	46.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.020%
7) Chloroethane-d5	1.903	69	102368	42.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.960%
11) 1,1-Dichloroethene-d2	2.565	63	305713	47.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.140%
21) 2-Butanone-d5	4.633	46	313716	100.940	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.940%
24) Chloroform-d	5.064	84	307706	48.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	5.703	65	200672	48.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
32) Benzene-d6	5.726	84	616503	48.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
36) 1,2-Dichloropropane-d6	6.690	67	202227	49.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	7.899	98	550918	49.456	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	8.182	79	95767	50.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.320%
47) 2-Hexanone-d5	8.642	63	204526	102.881	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	309072	49.401	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	202273	48.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	179564	46.845	ug/L	99
3) Chloromethane	1.520	50	202072	46.088	ug/L	99
5) Vinyl chloride	1.604	62	194965	46.807	ug/L	99
6) Bromomethane	1.855	94	85435	41.477	ug/L	99
8) Chloroethane	1.922	64	95556	42.671	ug/L	98
9) Trichlorofluoromethane	2.128	101	260164	47.539	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	149561	47.624	ug/L	98
12) 1,1-Dichloroethene	2.575	96	145502	49.003	ug/L	97
13) Acetone	2.639	43	207660	88.625	ug/L	99
14) Carbon disulfide	2.790	76	434684	47.232	ug/L	99
15) Methyl Acetate	2.951	43	232672	48.472	ug/L	99
16) Methylene chloride	3.044	84	180207	49.630	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	154907	48.901	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	537214	50.357	ug/L	100
19) 1,1-Dichloroethane	3.867	63	309755	47.422	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	172384	48.223	ug/L	98
22) 2-Butanone	4.713	43	344379	98.321	ug/L	100
23) Bromochloromethane	4.977	128	89814	47.675	ug/L	96
25) Chloroform	5.089	83	308913	47.892	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	258442	48.734	ug/L	100
29) Cyclohexane	5.388	56	280250	48.998	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	272069	47.265	ug/L	99
31) Carbon tetrachloride	5.523	117	234319	47.540	ug/L	100
33) Benzene	5.774	78	685884	48.061	ug/L	100
34) Trichloroethene	6.543	95	167408	47.721	ug/L	99
35) Methylcyclohexane	6.761	83	273677	48.897	ug/L	100
37) 1,2-Dichloropropane	6.790	63	189169	47.493	ug/L	99
38) Bromodichloromethane	7.105	83	234583	48.368	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	281006	49.600	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	649507	101.771	ug/L	99
42) Toluene	7.970	91	721271	48.969	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	275711	50.078	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	177288	49.218	ug/L	98
46) Tetrachloroethene	8.552	164	128761	48.859	ug/L	99
48) 2-Hexanone	8.694	43	532539	100.406	ug/L	99
49) Dibromochloromethane	8.813	129	190307	49.196	ug/L	99
50) 1,2-Dibromoethane	8.925	107	191346	50.253	ug/L	98
51) Chlorobenzene	9.449	112	447253	48.192	ug/L	99
52) Ethylbenzene	9.571	91	759095	49.474	ug/L	99
53) m,p-Xylene	9.694	106	295675	49.924	ug/L	100
54) o-Xylene	10.102	106	293998	49.341	ug/L	95
55) Styrene	10.115	104	505013	52.129	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	329071	48.743	ug/L	99
59) Bromoform	10.295	173	149468	50.007	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	267732	48.667	ug/L	98
61) Isopropylbenzene	10.485	105	755256	51.142	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	419763	51.563	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	646517	53.326	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	335594	48.183	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	334285	47.871	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	338374	47.474	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	76296	47.318	ug/L	97
69) 1,3,5-Trichlorobenzene	13.218	180	236062	47.935	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	203597	47.606	ug/L	100
71) Naphthalene	14.086	128	766281	46.527	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	215668	47.414	ug/L	99

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

