

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048403.D
 Acq On : 03 May 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050112

Quant Time: May 04 01:43:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	446973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	447064	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	246853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	215971	52.545	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.080%
7) Chloroethane-d5	1.900	69	149980	51.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.960%
11) 1,1-Dichloroethene-d2	2.565	63	309356	46.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.940%
21) 2-Butanone-d5	4.620	46	311989	88.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.000%
24) Chloroform-d	5.063	84	347850	46.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	5.700	65	208745	47.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
32) Benzene-d6	5.729	84	730888	51.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.680%
36) 1,2-Dichloropropane-d6	6.690	67	233665	50.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.260%
41) Toluene-d8	7.899	98	684256	53.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.080%
43) trans-1,3-Dichloroprop...	8.179	79	102380	49.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.540%
47) 2-Hexanone-d5	8.632	63	230459	91.636	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	377822	46.215	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.420%
66) 1,2-Dichlorobenzene-d4	12.195	152	276426	49.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	119131	35.273	ug/L	100
3) Chloromethane	1.523	50	131602	34.043	ug/L	99
5) Vinyl chloride	1.604	62	150409	38.610	ug/L	93
6) Bromomethane	1.835	94	89495	49.988	ug/L	99
8) Chloroethane	1.922	64	90296	40.994	ug/L	99
9) Trichlorofluoromethane	2.131	101	213011	41.958	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	139711	41.493	ug/L	99
12) 1,1-Dichloroethene	2.578	96	122656	41.732	ug/L	90
13) Acetone	2.623	43	167448	74.403	ug/L	99
14) Carbon disulfide	2.790	76	236642	33.036	ug/L	99
15) Methyl Acetate	2.945	43	186809	41.815	ug/L	98
16) Methylene chloride	3.044	84	169248	44.666	ug/L	93
17) trans-1,2-Dichloroethene	3.353	96	128437	42.065	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	481582	47.804	ug/L	99
19) 1,1-Dichloroethane	3.871	63	277860	43.519	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	169115	45.950	ug/L	94
22) 2-Butanone	4.700	43	282688	84.943	ug/L	97
23) Bromochloromethane	4.977	128	94275	45.881	ug/L	94
25) Chloroform	5.089	83	295138	45.268	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	212108	44.601	ug/L	99
29) Cyclohexane	5.388	56	181113	42.877	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	236691	46.818	ug/L	100
31) Carbon tetrachloride	5.523	117	201418	46.744	ug/L	100
33) Benzene	5.774	78	620479	46.877	ug/L	100
34) Trichloroethene	6.543	95	149219	45.993	ug/L	99
35) Methylcyclohexane	6.764	83	200692	44.060	ug/L	97
37) 1,2-Dichloropropane	6.790	63	176004	46.735	ug/L	99
38) Bromodichloromethane	7.105	83	225679	47.452	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	242522	45.797	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	543571	95.698	ug/L	99
42) Toluene	7.970	91	667867	48.059	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	239260	46.249	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	185511	46.951	ug/L	98
46) Tetrachloroethene	8.552	164	123627	44.399	ug/L	99
48) 2-Hexanone	8.684	43	450522	94.982	ug/L	99
49) Dibromochloromethane	8.809	129	200523	46.185	ug/L	100
50) 1,2-Dibromoethane	8.925	107	188190	46.968	ug/L	99
51) Chlorobenzene	9.446	112	456882	45.611	ug/L	99
52) Ethylbenzene	9.571	91	695142	48.301	ug/L	99
53) m,p-Xylene	9.694	106	275557	48.519	ug/L	99
54) o-Xylene	10.102	106	287022	50.166	ug/L	99
55) Styrene	10.115	104	486080	49.870	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	361308	46.333	ug/L	100
59) Bromoform	10.292	173	167113	46.647	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	274858	47.729	ug/L	99
61) Isopropylbenzene	10.485	105	720084	52.171	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	382475	52.576	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	594856	53.186	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	372642	48.157	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	368957	46.705	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	394419	48.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	72173	46.947	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	274894	47.808	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	232370	51.154	ug/L	100
71) Naphthalene	14.086	128	764917	58.840	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	249557	53.606	ug/L	100

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

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