

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048041.D
 Acq On : 14 Apr 2022 06:04
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

Quant Time: Apr 14 07:22:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	345712	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359888	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	211667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120065	47.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.780%
7) Chloroethane-d5	1.916	69	105215	53.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.460%
11) 1,1-Dichloroethene-d2	2.571	63	208779	45.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.040%
21) 2-Butanone-d5	4.620	46	206254	95.852	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.850%
24) Chloroform-d	5.067	84	232650	50.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.440%
26) 1,2-Dichloroethane-d4	5.703	65	143271	50.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.860%
32) Benzene-d6	5.729	84	463984	51.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
36) 1,2-Dichloropropane-d6	6.694	67	146953	52.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.680%
41) Toluene-d8	7.899	98	433536	49.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.280%
43) trans-1,3-Dichloroprop...	8.179	79	61024	43.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.620%
47) 2-Hexanone-d5	8.632	63	156659	96.224	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	233847	48.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	184994	49.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	140052	43.697	ug/L	99
3) Chloromethane	1.523	50	144941	47.287	ug/L	100
5) Vinyl chloride	1.607	62	156109	49.938	ug/L	97
6) Bromomethane	1.858	94	63959	38.013	ug/L	99
8) Chloroethane	1.935	64	95836	48.835	ug/L	97
9) Trichlorofluoromethane	2.141	101	202921	46.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	118751	46.604	ug/L	99
12) 1,1-Dichloroethene	2.584	96	111990	47.225	ug/L	85
13) Acetone	2.623	43	140234	70.031	ug/L	97
14) Carbon disulfide	2.797	76	310799	41.462	ug/L	99
15) Methyl Acetate	2.948	43	155741	48.774	ug/L	97
16) Methylene chloride	3.051	84	139456	51.247	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	122939	48.064	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	367827	50.972	ug/L	99
19) 1,1-Dichloroethane	3.874	63	231758	52.537	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	141243	50.369	ug/L	97
22) 2-Butanone	4.700	43	220399	85.443	ug/L	97
23) Bromochloromethane	4.977	128	79773	51.814	ug/L	97
25) Chloroform	5.089	83	245123	51.612	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	185776	50.629	ug/L	97
29) Cyclohexane	5.391	56	174351	47.743	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	202699	49.672	ug/L	99
31) Carbon tetrachloride	5.526	117	175167	47.536	ug/L	99
33) Benzene	5.777	78	538096	51.655	ug/L	100
34) Trichloroethene	6.542	95	134817	49.365	ug/L	99
35) Methylcyclohexane	6.767	83	178454	42.951	ug/L	97
37) 1,2-Dichloropropane	6.790	63	140406	53.020	ug/L	100
38) Bromodichloromethane	7.105	83	183510	50.463	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	189994	46.239	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	410339	98.040	ug/L	97
42) Toluene	7.970	91	581954	50.915	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	186704	45.508	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	146152	52.038	ug/L	100
46) Tetrachloroethene	8.555	164	112491	45.836	ug/L	98
48) 2-Hexanone	8.684	43	334922	93.028	ug/L	99
49) Dibromochloromethane	8.809	129	158369	48.685	ug/L	99
50) 1,2-Dibromoethane	8.925	107	157967	50.170	ug/L	100
51) Chlorobenzene	9.446	112	386642	49.820	ug/L	99
52) Ethylbenzene	9.571	91	591384	49.207	ug/L	99
53) m,p-Xylene	9.693	106	237091	50.277	ug/L	98
54) o-Xylene	10.102	106	231809	50.085	ug/L	100
55) Styrene	10.115	104	400897	50.734	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	259585	49.301	ug/L	98
59) Bromoform	10.291	173	128745	47.566	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	201307	50.449	ug/L	99
61) Isopropylbenzene	10.484	105	582626	50.931	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	300055	48.343	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	468121	49.652	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	309730	48.712	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	311252	47.260	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	315056	49.521	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	58450	45.729	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	227065	43.972	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	201244	44.493	ug/L	99
71) Naphthalene	14.086	128	617696	45.806	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	211734	46.696	ug/L	100

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

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