

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045216.D
 Acq On : 07 Oct 2021 17:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050095

Quant Time: Oct 07 21:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	300081	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	146278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	117878	35.884	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	71.760%	
7) Chloroethane-d5	1.909	69	102857	39.513	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.020%	
11) 1,1-Dichloroethene-d2	2.568	63	224621	40.717	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.440%	
21) 2-Butanone-d5	4.626	46	208754	80.381	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	80.380%	
24) Chloroform-d	5.070	84	227912	43.928	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.860%	
26) 1,2-Dichloroethane-d4	5.707	65	152534	43.403	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.800%	
32) Benzene-d6	5.732	84	446448	44.010	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.020%	
36) 1,2-Dichloropropane-d6	6.697	67	144887	43.803	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.600%	
41) Toluene-d8	7.903	98	411326	46.985	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.980%	
43) trans-1,3-Dichloroprop...	8.182	79	70158	47.682	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.360%	
47) 2-Hexanone-d5	8.636	63	149844	81.746	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	81.750%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215053	41.752	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.500%	
66) 1,2-Dichlorobenzene-d4	12.198	152	151946	47.730	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.460%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	128681	44.785	ug/L	98
3) Chloromethane	1.523	50	135564	37.852	ug/L	99
5) Vinyl chloride	1.604	62	150242	42.818	ug/L	96
6) Bromomethane	1.848	94	84633	50.288	ug/L	96
8) Chloroethane	1.932	64	98048	44.523	ug/L	100
9) Trichlorofluoromethane	2.138	101	192681	47.978	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	118013	46.556	ug/L	99
12) 1,1-Dichloroethene	2.581	96	111549	48.003	ug/L	84
13) Acetone	2.629	43	210565	70.141	ug/L	99
14) Carbon disulfide	2.793	76	322674	43.343	ug/L	100
15) Methyl Acetate	2.954	43	151455	40.907	ug/L	94
16) Methylene chloride	3.047	84	135606	46.062	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	117547	48.019	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	418518	51.850	ug/L	98
19) 1,1-Dichloroethane	3.874	63	233631	45.876	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	134113	49.719	ug/L	93
22) 2-Butanone	4.707	43	258524	76.943	ug/L	96
23) Bromochloromethane	4.980	128	66107	48.344	ug/L	92
25) Chloroform	5.096	83	239288	47.264	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	201118	47.495	ug/L	100
29) Cyclohexane	5.395	56	211997	48.243	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	196031	48.440	ug/L	99
31) Carbon tetrachloride	5.530	117	152993	47.866	ug/L	99
33) Benzene	5.780	78	520881	48.039	ug/L	100
34) Trichloroethene	6.546	95	129582	49.756	ug/L	98
35) Methylcyclohexane	6.768	83	213005	48.852	ug/L	97
37) 1,2-Dichloropropane	6.797	63	135816	46.005	ug/L	99
38) Bromodichloromethane	7.112	83	178452	49.313	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	216391	51.227	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	440545	89.331	ug/L	96
42) Toluene	7.973	91	560461	50.872	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	204036	50.798	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	130935	48.940	ug/L	98
46) Tetrachloroethene	8.559	164	90885	48.823	ug/L	98
48) 2-Hexanone	8.687	43	365562	83.591	ug/L	98
49) Dibromochloromethane	8.816	129	130641	49.373	ug/L	99
50) 1,2-Dibromoethane	8.928	107	139281	49.722	ug/L	99
51) Chlorobenzene	9.452	112	340128	50.008	ug/L	100
52) Ethylbenzene	9.575	91	607236	52.175	ug/L	99
53) m,p-Xylene	9.697	106	233713	53.010	ug/L	99
54) o-xylene	10.105	106	232503	53.666	ug/L	100
55) Styrene	10.118	104	396648	53.238	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	228350	44.576	ug/L	100
59) Bromoform	10.295	173	88481	48.772	ug/L	98
60) 1,2,3-Trichloropropane	10.829	75	188472	46.585	ug/L	99
61) Isopropylbenzene	10.488	105	604464	56.464	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	515497	57.660	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	518348	56.619	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	257892	52.128	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	256427	50.519	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	259563	51.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	54181	46.600	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	176679	51.460	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	154122	54.020	ug/L	99
71) Naphthalene	14.089	128	574034	58.061	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	154240	52.838	ug/L	99

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

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