

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082321\
 Data File : VV021926.D
 Acq On : 23 Aug 2021 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Quant Time: Aug 24 02:09:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 21 00:50:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	420487	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	394912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	214074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	124492	37.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.740%		
7) Chloroethane-d5	1.548	69	95352	38.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.880%		
11) 1,1-Dichloroethene-d2	2.101	63	209690	40.074	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.140%		
21) 2-Butanone-d5	3.870	46	165472	80.937	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.940%		
24) Chloroform-d	4.342	84	232606	40.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.680%		
26) 1,2-Dichloroethane-d4	5.027	65	131775	40.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.440%		
32) Benzene-d6	5.047	84	462337	40.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.420%		
36) 1,2-Dichloropropane-d6	6.066	67	142047	40.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.340%		
41) Toluene-d8	7.313	98	435162	41.458	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.920%		
43) trans-1,3-Dichloroprop...	7.622	79	69625	40.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.000%		
47) 2-Hexanone-d5	8.085	63	99934	86.219	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.220%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	191703	43.743	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.480%		
66) 1,2-Dichlorobenzene-d4	11.625	152	176457	39.829	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.660%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.124	85	139896	43.004	ug/L	99
3) Chloromethane	1.240	50	149953	44.386	ug/L	100
5) Vinyl chloride	1.307	62	146673	44.090	ug/L	98
6) Bromomethane	1.497	94	64001	32.008	ug/L	99
8) Chloroethane	1.568	64	88800	44.670	ug/L	100
9) Trichlorofluoromethane	1.741	101	202694	44.470	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	118683	45.479	ug/L	98
12) 1,1-Dichloroethene	2.111	96	111125	44.707	ug/L	90
13) Acetone	2.156	43	201625	119.857	ug/L #	100
14) Carbon disulfide	2.285	76	368531	44.065	ug/L	100
15) Methyl Acetate	2.423	43	150379	48.660	ug/L	98
16) Methylene chloride	2.500	84	146546	42.386	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	135942	46.608	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	420644	46.894	ug/L	99
19) 1,1-Dichloroethane	3.182	63	238336	45.905	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	147991	43.817	ug/L	99
22) 2-Butanone	3.950	43	246154	100.476	ug/L	99
23) Bromochloromethane	4.240	128	78172	43.625	ug/L	97
25) Chloroform	4.368	83	245170	43.886	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	170023	43.195	ug/L	100
29) Cyclohexane	4.670	56	210458	43.271	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	217706	44.056	ug/L	98
31) Carbon tetrachloride	4.825	117	190633	44.583	ug/L	99
33) Benzene	5.095	78	539097	44.361	ug/L	100
34) Trichloroethene	5.908	95	148124	42.415	ug/L	99
35) Methylcyclohexane	6.127	83	224796	44.121	ug/L	100
37) 1,2-Dichloropropane	6.172	63	134942	43.852	ug/L	99
38) Bromodichloromethane	6.506	83	177837	43.848	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	216954	44.525	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	373573	88.255	ug/L	99
42) Toluene	7.387	91	578235	44.550	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	204388	44.510	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	139248	45.172	ug/L	98
46) Tetrachloroethene	7.976	164	118511	45.662	ug/L	99
48) 2-Hexanone	8.137	43	311738	95.076	ug/L	98
49) Dibromochloromethane	8.246	129	152585	44.832	ug/L	98
50) 1,2-Dibromoethane	8.352	107	148652	44.313	ug/L	99
51) Chlorobenzene	8.883	112	376539	44.432	ug/L	99
52) Ethylbenzene	9.011	91	617905	44.623	ug/L	99
53) m,p-Xylene	9.140	106	243731	45.417	ug/L	99
54) o-Xylene	9.545	106	234675	44.115	ug/L	99
55) Styrene	9.561	104	408849	45.897	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	210512	49.055	ug/L	98
59) Bromoform	9.731	173	110989	43.614	ug/L	99
60) Isopropylbenzene	9.931	105	626794	43.672	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	171101	43.250	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	529009	43.923	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	544577	44.470	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	307860	44.294	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	308725	44.500	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	309086	44.083	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	43876	45.616	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	232922	46.232	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	197520	46.746	ug/L	99
71) Naphthalene	13.503	128	578091	47.100	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	196743	46.350	ug/L	100

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

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