

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024839.D
 Acq On : 28 Feb 2022 17:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050285

Quant Time: Mar 01 01:49:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	328601	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	320899	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	163509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	144149	43.142	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.280%		
7) Chloroethane-d5	1.568	69	117807	44.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.880%		
11) 1,1-Dichloroethene-d2	2.108	63	254272	45.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.680%		
21) 2-Butanone-d5	3.883	46	186786	98.231	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.230%		
24) Chloroform-d	4.342	84	276987	47.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
26) 1,2-Dichloroethane-d4	5.024	65	160861	46.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.480%		
32) Benzene-d6	5.043	84	555497	46.703	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.400%		
36) 1,2-Dichloropropane-d6	6.063	67	175996	47.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.980%		
41) Toluene-d8	7.310	98	494420	46.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.840%		
43) trans-1,3-Dichloroprop...	7.616	79	79641	49.459	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.920%		
47) 2-Hexanone-d5	8.085	63	141409	100.531	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.530%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	208712	47.484	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.960%		
66) 1,2-Dichlorobenzene-d4	11.622	152	176009	46.730	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	154218	49.708	ug/L	99
3) Chloromethane	1.243	50	153463	47.813	ug/L	99
5) Vinyl chloride	1.310	62	160936	48.869	ug/L	100
6) Bromomethane	1.523	94	99270	50.460	ug/L	98
8) Chloroethane	1.584	64	96235	49.863	ug/L	99
9) Trichlorofluoromethane	1.751	101	208140	49.422	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	123621	49.497	ug/L	99
12) 1,1-Dichloroethene	2.117	96	119129	48.978	ug/L	91
13) Acetone	2.182	43	109211	75.214	ug/L	99
14) Carbon disulfide	2.294	76	371376	49.980	ug/L	99
15) Methyl Acetate	2.433	43	124508	49.917	ug/L	98
16) Methylene chloride	2.507	84	141513	49.678	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	132656	50.429	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	412208	51.394	ug/L	100
19) 1,1-Dichloroethane	3.185	63	241212	50.857	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	146274	51.370	ug/L	97
22) 2-Butanone	3.970	43	164314	98.690	ug/L	100
23) Bromochloromethane	4.243	128	71211	50.006	ug/L	99
25) Chloroform	4.368	83	243160	49.354	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	174661	50.801	ug/L	98
29) Cyclohexane	4.674	56	218424	52.036	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	215248	50.940	ug/L	99
31) Carbon tetrachloride	4.825	117	178284	49.623	ug/L	98
33) Benzene	5.095	78	551189	50.895	ug/L	100
34) Trichloroethene	5.908	95	149564	50.378	ug/L	99
35) Methylcyclohexane	6.127	83	236403	52.484	ug/L	99
37) 1,2-Dichloropropane	6.169	63	139664	51.392	ug/L	99
38) Bromodichloromethane	6.503	83	178900	50.236	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	212475	51.948	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	327187	100.982	ug/L	99
42) Toluene	7.384	91	582334	51.530	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	199148	52.998	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	132922	50.340	ug/L	98
46) Tetrachloroethene	7.973	164	95761	49.944	ug/L	99
48) 2-Hexanone	8.133	43	252478	99.012	ug/L	99
49) Dibromochloromethane	8.243	129	134651	52.769	ug/L	100
50) 1,2-Dibromoethane	8.346	107	138843	50.987	ug/L	99
51) Chlorobenzene	8.876	112	358433	50.278	ug/L	99
52) Ethylbenzene	9.008	91	621704	52.160	ug/L	100
53) m,p-Xylene	9.133	106	237975	51.960	ug/L	100
54) o-Xylene	9.538	106	233961	52.868	ug/L	99
55) Styrene	9.558	104	402421	53.594	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	183486	49.680	ug/L	99
59) Bromoform	9.728	173	77530	52.051	ug/L	99
60) Isopropylbenzene	9.927	105	614274	51.730	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	157958	48.280	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	425795	53.146	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	522007	53.158	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	262788	50.432	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	263261	49.350	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	258932	49.375	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	37310	49.954	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	178414	50.724	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	161295	52.632	ug/L	99
71) Naphthalene	13.500	128	525464	52.921	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	159765	52.868	ug/L	98

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

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