

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030122\
 Data File : VW024846.D
 Acq On : 01 Mar 2022 14:24
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Mar 02 17:39:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 02 01:20:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	315206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	306527	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	157988	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	128830	40.196	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.400%		
7) Chloroethane-d5	1.568	69	107454	42.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.460%		
11) 1,1-Dichloroethene-d2	2.108	63	233489	43.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.800%		
21) 2-Butanone-d5	3.883	46	183632	100.676	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.680%		
24) Chloroform-d	4.343	84	253975	45.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.780%		
26) 1,2-Dichloroethane-d4	5.024	65	149973	45.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.860%		
32) Benzene-d6	5.043	84	511532	45.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
36) 1,2-Dichloropropane-d6	6.063	67	162636	45.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.880%		
41) Toluene-d8	7.310	98	455855	45.289	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.580%		
43) trans-1,3-Dichloroprop...	7.616	79	71900	46.746	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.500%		
47) 2-Hexanone-d5	8.082	63	136625	101.684	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.680%		
56) 1,1,2,2-Tetrachloroeth...	10.211	84	196583	46.821	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.640%		
66) 1,2-Dichlorobenzene-d4	11.622	152	165423	45.455	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	141049	47.396	ug/L	99
3) Chloromethane	1.243	50	144308	46.871	ug/L	97
5) Vinyl chloride	1.311	62	152570	48.298	ug/L	100
6) Bromomethane	1.523	94	94810	50.241	ug/L	99
8) Chloroethane	1.584	64	91189	49.256	ug/L	99
9) Trichlorofluoromethane	1.751	101	199660	49.423	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116763	48.738	ug/L	99
12) 1,1-Dichloroethene	2.118	96	111896	47.959	ug/L	91
13) Acetone	2.179	43	113417	81.430	ug/L	97
14) Carbon disulfide	2.294	76	349320	49.009	ug/L	98
15) Methyl Acetate	2.433	43	124255	51.932	ug/L	99
16) Methylene chloride	2.507	84	135796	49.697	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	126229	50.025	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	389118	50.577	ug/L	100
19) 1,1-Dichloroethane	3.185	63	228467	50.217	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	137827	50.461	ug/L	97
22) 2-Butanone	3.966	43	170772	106.927	ug/L	100
23) Bromochloromethane	4.243	128	67123	49.138	ug/L	99
25) Chloroform	4.368	83	232917	49.284	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	164169	49.779	ug/L	99
29) Cyclohexane	4.674	56	201634	50.288	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	202419	50.150	ug/L	100
31) Carbon tetrachloride	4.825	117	171498	49.973	ug/L	99
33) Benzene	5.095	78	521010	50.364	ug/L	100
34) Trichloroethene	5.908	95	143810	50.711	ug/L	99
35) Methylcyclohexane	6.127	83	217086	50.455	ug/L	99
37) 1,2-Dichloropropane	6.169	63	132036	50.864	ug/L	100
38) Bromodichloromethane	6.503	83	169730	49.896	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	205263	52.537	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	323500	104.525	ug/L	99
42) Toluene	7.384	91	556481	51.551	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	190753	53.144	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	126746	50.251	ug/L	99
46) Tetrachloroethene	7.973	164	90893	49.628	ug/L	99
48) 2-Hexanone	8.133	43	252432	103.635	ug/L	99
49) Dibromochloromethane	8.243	129	126605	51.942	ug/L	98
50) 1,2-Dibromoethane	8.349	107	134182	51.586	ug/L	99
51) Chlorobenzene	8.876	112	344926	50.652	ug/L	99
52) Ethylbenzene	9.008	91	587024	51.560	ug/L	100
53) m,p-Xylene	9.133	106	228592	52.252	ug/L	99
54) o-Xylene	9.539	106	221056	52.294	ug/L	99
55) Styrene	9.555	104	383409	53.456	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	178517	50.601	ug/L	99
59) Bromoform	9.728	173	73159	50.833	ug/L	99
60) Isopropylbenzene	9.928	105	583189	50.829	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	154051	48.731	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	401908	51.918	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	495086	52.179	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	253958	50.441	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	252896	49.064	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	251313	49.597	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	36313	50.318	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	171421	50.439	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	152390	51.464	ug/L	99
71) Naphthalene	13.497	128	509963	53.155	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	152184	52.120	ug/L	99

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

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