

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011822\
 Data File : VW024400.D
 Acq On : 18 Jan 2022 17:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050393

Quant Time: Jan 19 01:07:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 19 01:03:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	287350	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	270081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	99543	48.134	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.260%
7) Chloroethane-d5	1.571	69	74311	47.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.111	63	184368	47.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.400%
21) 2-Butanone-d5	3.889	46	137296	119.161	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.160%
24) Chloroform-d	4.349	84	202733	53.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.280%
26) 1,2-Dichloroethane-d4	5.031	65	129062	51.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.000%
32) Benzene-d6	5.050	84	390575	55.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.840%
36) 1,2-Dichloropropane-d6	6.069	67	113557	57.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.980%
41) Toluene-d8	7.313	98	377008	55.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.500%
43) trans-1,3-Dichloroprop...	7.619	79	58678	51.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.180%
47) 2-Hexanone-d5	8.088	63	100737	117.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.390%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	155258	55.003	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	155761	55.536	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	91607	39.516	ug/L	100
3) Chloromethane	1.243	50	94273	48.403	ug/L	96
5) Vinyl chloride	1.314	62	99017	48.048	ug/L	96
6) Bromomethane	1.526	94	65064	55.405	ug/L	99
8) Chloroethane	1.587	64	60094	47.243	ug/L	99
9) Trichlorofluoromethane	1.754	101	164212	44.330	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	87659	48.421	ug/L	97
12) 1,1-Dichloroethene	2.121	96	84236	48.127	ug/L	89
13) Acetone	2.182	43	96263	84.620	ug/L	99
14) Carbon disulfide	2.298	76	202077	39.763	ug/L	100
15) Methyl Acetate	2.433	43	95712	57.847	ug/L	96
16) Methylene chloride	2.510	84	103665	54.387	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	90390	50.116	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	330364	59.432	ug/L	99
19) 1,1-Dichloroethane	3.191	63	174748	58.414	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	109332	56.759	ug/L	96
22) 2-Butanone	3.973	43	134486	111.292	ug/L	91
23) Bromochloromethane	4.249	128	60740	54.725	ug/L	94
25) Chloroform	4.375	83	192927	55.159	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	148742	52.284	ug/L	98
29) Cyclohexane	4.677	56	131711	54.555	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	178625	53.753	ug/L	99
31) Carbon tetrachloride	4.831	117	158613	51.449	ug/L	99
33) Benzene	5.101	78	387185	56.380	ug/L	100
34) Trichloroethene	5.915	95	106827	56.409	ug/L	97
35) Methylcyclohexane	6.130	83	134111	47.750	ug/L	98
37) 1,2-Dichloropropane	6.172	63	99414	61.546	ug/L	98
38) Bromodichloromethane	6.510	83	144404	56.970	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	152456	56.147	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	280951	133.385	ug/L	98
42) Toluene	7.387	91	430791	55.882	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	154014	55.916	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	105386	58.198	ug/L	98
46) Tetrachloroethene	7.976	164	85393	49.541	ug/L	98
48) 2-Hexanone	8.137	43	212115	125.380	ug/L	99
49) Dibromochloromethane	8.246	129	125072	55.102	ug/L	98
50) 1,2-Dibromoethane	8.352	107	112957	58.076	ug/L	99
51) Chlorobenzene	8.879	112	290058	55.863	ug/L	99
52) Ethylbenzene	9.011	91	463088	56.230	ug/L	99
53) m,p-Xylene	9.137	106	181173	54.883	ug/L	100
54) o-Xylene	9.542	106	179398	56.930	ug/L	99
55) Styrene	9.558	104	295705	54.036	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	158578	59.973	ug/L	98
59) Bromoform	9.731	173	94440	58.861	ug/L	99
60) Isopropylbenzene	9.931	105	482008	61.906	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	129177	62.521	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	406137	60.640	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	413768	61.882	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	236721	58.965	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	237273	57.310	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	241683	58.412	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	34091	57.289	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	170827	55.320	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	149486	56.604	ug/L	99
71) Naphthalene	13.500	128	454650	59.504	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	153815	56.354	ug/L	100

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

