

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031422\
 Data File : VW024987.D
 Acq On : 14 Mar 2022 15:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

Quant Time: Mar 15 02:21:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 15 02:18:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	309181	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	300787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	155730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	130072	41.374	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.740%
7) Chloroethane-d5	1.568	69	101443	41.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.260%
11) 1,1-Dichloroethene-d2	2.108	63	218659	41.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
21) 2-Butanone-d5	3.889	46	166270	92.933	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.930%
24) Chloroform-d	4.343	84	241184	43.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.900%
26) 1,2-Dichloroethane-d4	5.027	65	139571	43.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
32) Benzene-d6	5.044	84	481332	43.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.340%
36) 1,2-Dichloropropane-d6	6.063	67	150072	43.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	7.310	98	430615	43.598	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.616	79	68606	45.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.920%
47) 2-Hexanone-d5	8.085	63	118929	90.203	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	187898	45.607	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.220%
66) 1,2-Dichlorobenzene-d4	11.622	152	153691	42.843	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	127969	43.838	ug/L	100
3) Chloromethane	1.243	50	126705	41.955	ug/L	99
5) Vinyl chloride	1.311	62	137078	44.239	ug/L	99
6) Bromomethane	1.523	94	85724	46.312	ug/L	100
8) Chloroethane	1.584	64	83123	45.774	ug/L	99
9) Trichlorofluoromethane	1.754	101	181593	45.827	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	104802	44.598	ug/L	98
12) 1,1-Dichloroethene	2.118	96	102493	44.785	ug/L	89
13) Acetone	2.185	43	102425	74.971	ug/L	96
14) Carbon disulfide	2.294	76	305102	43.640	ug/L	99
15) Methyl Acetate	2.433	43	117109	49.899	ug/L	98
16) Methylene chloride	2.503	84	131937	49.226	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	117850	47.615	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	376456	49.884	ug/L	99
19) 1,1-Dichloroethane	3.185	63	218451	48.951	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	132251	49.363	ug/L	95
22) 2-Butanone	3.973	43	160545	102.483	ug/L	100
23) Bromochloromethane	4.243	128	66366	49.531	ug/L	97
25) Chloroform	4.372	83	229461	49.498	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	159767	49.388	ug/L	99
29) Cyclohexane	4.674	56	175240	44.539	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	191894	48.449	ug/L	98
31) Carbon tetrachloride	4.825	117	161155	47.855	ug/L	98
33) Benzene	5.095	78	499138	49.171	ug/L	100
34) Trichloroethene	5.908	95	135116	48.554	ug/L	98
35) Methylcyclohexane	6.127	83	194916	46.166	ug/L	98
37) 1,2-Dichloropropane	6.169	63	127528	50.065	ug/L	99
38) Bromodichloromethane	6.503	83	167878	50.293	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	197643	51.552	ug/L	98
40) 4-Methyl-2-pentanone	7.224	43	308145	101.464	ug/L	98
42) Toluene	7.384	91	524347	49.501	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	183275	52.035	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	125113	50.551	ug/L	98
46) Tetrachloroethene	7.973	164	86104	47.910	ug/L	96
48) 2-Hexanone	8.137	43	235765	98.640	ug/L	97
49) Dibromochloromethane	8.243	129	127448	53.286	ug/L	100
50) 1,2-Dibromoethane	8.349	107	130842	51.262	ug/L	100
51) Chlorobenzene	8.876	112	329986	49.383	ug/L	99
52) Ethylbenzene	9.008	91	550655	49.289	ug/L	100
53) m,p-Xylene	9.133	106	212883	49.590	ug/L	100
54) o-Xylene	9.539	106	210240	50.684	ug/L	98
55) Styrene	9.558	104	366554	52.082	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	178549	51.576	ug/L	97
59) Bromoform	9.728	173	77166	54.395	ug/L	99
60) Isopropylbenzene	9.928	105	544391	48.135	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	152375	48.900	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	374691	49.103	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	462426	49.443	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	239465	48.252	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	241007	47.435	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	242437	48.539	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	35387	49.746	ug/L	88
69) 1,3,5-Trichlorobenzene	12.641	180	158438	47.295	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	139877	47.923	ug/L	99
71) Naphthalene	13.500	128	473787	50.100	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	144110	50.070	ug/L	99

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

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