

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052622\
 Data File : VW025969.D
 Acq On : 26 May 2022 19:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050296

Quant Time: May 28 00:01:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 27 22:34:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	342492	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	348353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	194770	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	143323	32.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.840%
7) Chloroethane-d5	1.571	69	124598	32.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.200%#
11) 1,1-Dichloroethene-d2	2.111	63	295636	38.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.480%
21) 2-Butanone-d5	3.902	46	180165	95.097	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.100%
24) Chloroform-d	4.352	84	261979	42.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.860%
26) 1,2-Dichloroethane-d4	5.034	65	154736	41.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.940%
32) Benzene-d6	5.050	84	499384	41.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.240%
36) 1,2-Dichloropropane-d6	6.069	67	159229	42.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.380%
41) Toluene-d8	7.314	98	458110	40.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	7.622	79	67759	40.696	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.400%
47) 2-Hexanone-d5	8.092	63	127188	93.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.010%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	231540	46.549	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	181610	42.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	172490	48.712	ug/L	100
3) Chloromethane	1.243	50	201667	47.090	ug/L	100
5) Vinyl chloride	1.314	62	209888	48.207	ug/L	99
6) Bromomethane	1.526	94	117111	44.265	ug/L	99
8) Chloroethane	1.587	64	134844	41.470	ug/L	100
9) Trichlorofluoromethane	1.758	101	285165	46.088	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	151335	46.035	ug/L	98
12) 1,1-Dichloroethene	2.121	96	156084	48.274	ug/L	91
13) Acetone	2.195	43	101104	78.203	ug/L	88
14) Carbon disulfide	2.298	76	390510	48.829	ug/L	100
15) Methyl Acetate	2.442	43	128161	46.271	ug/L	97
16) Methylene chloride	2.510	84	166349	53.116	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	139871	50.352	ug/L	98
18) Methyl tert-butyl Ether	2.774	73	432831	53.574	ug/L	99
19) 1,1-Dichloroethane	3.192	63	269989	52.036	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	148620	49.565	ug/L	99
22) 2-Butanone	3.986	43	152363	88.372	ug/L	91
23) Bromochloromethane	4.249	128	82279	51.951	ug/L	99
25) Chloroform	4.375	83	276962	50.374	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	204112	49.102	ug/L	99
29) Cyclohexane	4.680	56	216086	51.237	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	238335	50.377	ug/L	97
31) Carbon tetrachloride	4.831	117	195317	49.175	ug/L	100
33) Benzene	5.101	78	606053	51.669	ug/L	100
34) Trichloroethene	5.915	95	145296	47.360	ug/L	98
35) Methylcyclohexane	6.130	83	219686	47.812	ug/L	98
37) 1,2-Dichloropropane	6.172	63	158522	53.800	ug/L	100
38) Bromodichloromethane	6.510	83	196496	49.315	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	209311	49.814	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	385700	111.985	ug/L	99
42) Toluene	7.388	91	645170	51.273	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	203654	50.379	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	155644	51.987	ug/L	99
46) Tetrachloroethene	7.976	164	108287	47.850	ug/L	96
48) 2-Hexanone	8.140	43	303408	113.219	ug/L	99
49) Dibromochloromethane	8.246	129	140927	47.722	ug/L	99
50) 1,2-Dibromoethane	8.352	107	156409	51.374	ug/L	95
51) Chlorobenzene	8.879	112	404459	50.197	ug/L	100
52) Ethylbenzene	9.011	91	656895	50.601	ug/L	99
53) m,p-Xylene	9.137	106	260662	51.767	ug/L	97
54) o-Xylene	9.542	106	255258	51.606	ug/L	100
55) Styrene	9.558	104	459577	53.324	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	240983	53.948	ug/L	99
59) Bromoform	9.728	173	81902	43.592	ug/L	98
60) Isopropylbenzene	9.931	105	651737	49.956	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	190355	49.377	ug/L	100
62) 1,3,5-Trimethylbenzene	10.539	105	419490	62.380	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	533294	51.113	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	304661	49.334	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	312462	48.281	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	310406	48.595	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	42504	47.755	ug/L	95
69) 1,3,5-Trichlorobenzene	12.645	180	197214	46.251	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	167786	46.210	ug/L	99
71) Naphthalene	13.500	128	527256	49.033	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	182539	49.334	ug/L	100

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

