

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020908.D
 Acq On : 05 Apr 2021 12:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Apr 06 06:17:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 02:06:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	626753	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	598246	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	355962	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173684	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.06%
7) Chloroethane-d5	1.568	69	139840	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.14%
11) 1,1-Dichloroethene-d2	2.108	63	365260	43.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.02%
21) 2-Butanone-d5	3.899	46	257624	88.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.99%
24) Chloroform-d	4.352	84	445459	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
26) 1,2-Dichloroethane-d4	5.034	65	292876	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
32) Benzene-d6	5.053	84	794413	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
36) 1,2-Dichloropropane-d6	6.072	67	228572	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.38%
41) Toluene-d8	7.317	98	778668	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%
43) trans-1,3-Dichloroprop...	7.622	79	135490	52.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.04%
47) 2-Hexanone-d5	8.092	63	200437	97.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.65%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	329353	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.632	152	357723	51.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.56%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	267743	45.59	ug/L	100
3) Chloromethane	1.243	50	175984	37.54	ug/L	99
5) Vinyl chloride	1.311	62	197644	41.28	ug/L	99
6) Bromomethane	1.523	94	149569	49.54	ug/L	98
8) Chloroethane	1.587	64	120321	43.50	ug/L	99
9) Trichlorofluoromethane	1.754	101	434361	53.07	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	212025	53.89	ug/L	93
12) 1,1-Dichloroethene	2.118	96	184059	50.32	ug/L	86
13) Acetone	2.192	43	254888	123.47	ug/L	98
14) Carbon disulfide	2.294	76	518102	42.84	ug/L	99
15) Methyl Acetate	2.439	43	180137	41.80	ug/L #	89
16) Methylene chloride	2.507	84	214341	48.05	ug/L	92
17) trans-1,2-Dichloroethene	2.761	96	209086	49.85	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	672753	51.74	ug/L	97
19) 1,1-Dichloroethane	3.191	63	369198	47.38	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	227151	50.62	ug/L	89
22) 2-Butanone	3.979	43	294506	97.47	ug/L	89
23) Bromochloromethane	4.249	128	130000	53.82	ug/L	82
25) Chloroform	4.378	83	426838	51.50	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	343699	51.91	ug/L	98
29) Cyclohexane	4.680	56	300578	44.42	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	418705	56.59	ug/L	97
31) Carbon tetrachloride	4.831	117	386474	58.48	ug/L	99
33) Benzene	5.101	78	826096	50.06	ug/L	100
34) Trichloroethene	5.918	95	243516	53.84	ug/L	95
35) Methylcyclohexane	6.133	83	352399	50.78	ug/L	94
37) 1,2-Dichloropropane	6.175	63	196418	45.39	ug/L #	96
38) Bromodichloromethane	6.513	83	325606	53.58	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	339227	50.78	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	519697	89.56	ug/L #	94
42) Toluene	7.391	91	930001	51.85	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	354680	52.73	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	219425	51.55	ug/L	96
46) Tetrachloroethene	7.979	164	211016	55.89	ug/L	98
48) 2-Hexanone	8.143	43	442544	99.90	ug/L #	95
49) Dibromochloromethane	8.249	129	279440	56.35	ug/L	100
50) 1,2-Dibromoethane	8.355	107	240812	52.82	ug/L	99
51) Chlorobenzene	8.886	112	622513	51.71	ug/L	99
52) Ethylbenzene	9.014	91	1056219	51.60	ug/L	98
53) m,p-Xylene	9.143	106	405927	53.32	ug/L	99
54) o-xylene	9.548	106	400504	54.58	ug/L	95
55) Styrene	9.564	104	694164	53.84	ug/L	97
56) Isopropylbenzene	9.937	105	1113563	55.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	327757	47.20	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	282860	50.06	ug/L	99
61) Bromoform	9.735	173	219769	54.38	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	548680	50.51	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	557478	49.34	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	556555	51.99	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	86789	47.95	ug/L	87
67) 1,3,5-Trichlorobenzene	12.651	180	449339	53.36	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	375498	52.60	ug/L	100
69) Naphthalene	13.509	128	1054201	51.59	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	386354	54.04	ug/L	99

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

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