

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041521\
 Data File : VW021035.D
 Acq On : 15 Apr 2021 17:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050170

Quant Time: Apr 16 03:05:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	496444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	482097	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	274626	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	113085	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.74%
7) Chloroethane-d5	1.571	69	96338	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.111	63	267377	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
21) 2-Butanone-d5	3.908	46	191412	107.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.77%
24) Chloroform-d	4.355	84	324657	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.037	65	213698	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.056	84	564508	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.075	67	156431	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.320	98	575276	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloroprop...	7.625	79	99192	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
47) 2-Hexanone-d5	8.095	63	155971	109.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.89%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	268399	50.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.24%
66) 1,2-Dichlorobenzene-d4	11.631	152	268184	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	199304	50.48	ug/L	97
3) Chloromethane	1.243	50	125384	47.15	ug/L	100
5) Vinyl chloride	1.314	62	141423	47.79	ug/L	99
6) Bromomethane	1.526	94	111618	51.01	ug/L	99
8) Chloroethane	1.587	64	91539	47.82	ug/L	99
9) Trichlorofluoromethane	1.754	101	343301	49.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	163248	49.34	ug/L	97
12) 1,1-Dichloroethene	2.121	96	146580	49.32	ug/L	83
13) Acetone	2.198	43	142743	95.94	ug/L	99
14) Carbon disulfide	2.297	76	385839	47.14	ug/L	99
15) Methyl Acetate	2.442	43	135701	54.18	ug/L	100
16) Methylene chloride	2.513	84	159791	47.78	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	151479	47.91	ug/L	96
18) Methyl tert-butyl Ether	2.773	73	512776	51.63	ug/L	99
19) 1,1-Dichloroethane	3.195	63	268543	49.55	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	167030	49.57	ug/L	95
22) 2-Butanone	3.992	43	181006	99.64	ug/L	100
23) Bromochloromethane	4.256	128	102222	51.03	ug/L	91
25) Chloroform	4.381	83	339448	49.19	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	258698	49.06	ug/L	98
29) Cyclohexane	4.683	56	212928	50.69	ug/L	100
30) 1,1,1-Trichloroethane	4.616	97	335729	51.87	ug/L	99
31) Carbon tetrachloride	4.834	117	306519	50.99	ug/L	99
33) Benzene	5.104	78	619883	51.47	ug/L	100
34) Trichloroethene	5.918	95	176154	50.79	ug/L	98
35) Methylcyclohexane	6.137	83	260783	51.72	ug/L	99
37) 1,2-Dichloropropane	6.178	63	146782	51.40	ug/L	99
38) Bromodichloromethane	6.516	83	248546	50.98	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	262601	52.60	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	388976	110.89	ug/L	99
42) Toluene	7.394	91	723165	53.25	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	263299	51.05	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	171100	51.59	ug/L	98
46) Tetrachloroethene	7.979	164	170351	51.60	ug/L	97
48) 2-Hexanone	8.146	43	304597	112.00	ug/L	98
49) Dibromochloromethane	8.252	129	228548	51.74	ug/L	98
50) 1,2-Dibromoethane	8.358	107	192643	52.22	ug/L	91
51) Chlorobenzene	8.886	112	494534	51.69	ug/L	99
52) Ethylbenzene	9.017	91	817389	53.19	ug/L	100
53) m,p-Xylene	9.143	106	322838	53.41	ug/L	100
54) o-Xylene	9.548	106	313255	53.61	ug/L	97
55) Styrene	9.567	104	543587	54.26	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	269935	51.22	ug/L	99
59) Bromoform	9.738	173	187255	52.39	ug/L	99
60) Isopropylbenzene	9.937	105	861587	53.24	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	226938	52.60	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	741537	53.54	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	764988	54.43	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	428066	51.57	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	429957	49.35	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	434250	50.47	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	73063	56.86	ug/L	94
69) 1,3,5-Trichlorobenzene	12.654	180	336563	51.50	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	285700	52.87	ug/L	98
71) Naphthalene	13.509	128	841787	59.79	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	301527	55.49	ug/L	99

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

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