

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082621\
 Data File : VW021961.D
 Acq On : 26 Aug 2021 16:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050318

Quant Time: Aug 27 03:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 27 03:46:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	430973	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	407774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	227628	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106305	31.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.100%
7) Chloroethane-d5	1.561	69	92479	36.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.740%
11) 1,1-Dichloroethene-d2	2.108	63	194223	36.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.440%
21) 2-Butanone-d5	3.876	46	193582	92.383	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.380%
24) Chloroform-d	4.349	84	256489	43.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.034	65	154584	46.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
32) Benzene-d6	5.050	84	519579	44.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
36) 1,2-Dichloropropane-d6	6.072	67	162783	44.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	7.317	98	503417	46.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	7.622	79	81434	45.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.620%
47) 2-Hexanone-d5	8.088	63	133879	111.862	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	228538	50.504	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	217564	46.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142188	42.645	ug/L	99
3) Chloromethane	1.243	50	136062	39.294	ug/L	99
5) Vinyl chloride	1.310	62	143621	42.122	ug/L	100
6) Bromomethane	1.513	94	94175	45.953	ug/L	100
8) Chloroethane	1.581	64	89753	44.051	ug/L	99
9) Trichlorofluoromethane	1.751	101	210321	45.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116838	43.683	ug/L	95
12) 1,1-Dichloroethene	2.118	96	112578	44.190	ug/L	86
13) Acetone	2.159	43	128499	74.528	ug/L #	100
14) Carbon disulfide	2.291	76	349677	40.793	ug/L	99
15) Methyl Acetate	2.426	43	153358	48.416	ug/L	97
16) Methylene chloride	2.507	84	160692	45.347	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	145464	48.659	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	469297	51.045	ug/L	98
19) 1,1-Dichloroethane	3.188	63	253119	47.566	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	161532	46.663	ug/L	98
22) 2-Butanone	3.960	43	211453	84.212	ug/L	98
23) Bromochloromethane	4.249	128	85390	46.493	ug/L	94
25) Chloroform	4.378	83	271605	47.434	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	189142	46.883	ug/L	100
29) Cyclohexane	4.680	56	219827	43.772	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	240202	47.075	ug/L	99
31) Carbon tetrachloride	4.828	117	206261	46.717	ug/L	100
33) Benzene	5.101	78	577165	45.995	ug/L	100
34) Trichloroethene	5.915	95	164674	45.666	ug/L	98
35) Methylcyclohexane	6.133	83	233896	44.460	ug/L	98
37) 1,2-Dichloropropane	6.175	63	149113	46.929	ug/L	100
38) Bromodichloromethane	6.513	83	192773	46.032	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	242469	48.192	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	406680	93.046	ug/L	98
42) Toluene	7.391	91	642418	47.934	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	224649	47.379	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	154413	48.512	ug/L	98
46) Tetrachloroethene	7.979	164	134214	50.081	ug/L	98
48) 2-Hexanone	8.140	43	297519	87.877	ug/L	95
49) Dibromochloromethane	8.249	129	165485	47.089	ug/L	100
50) 1,2-Dibromoethane	8.355	107	166301	48.011	ug/L	100
51) Chlorobenzene	8.883	112	427435	48.847	ug/L	100
52) Ethylbenzene	9.014	91	700303	48.979	ug/L	100
53) m,p-Xylene	9.140	106	269844	48.696	ug/L	100
54) o-Xylene	9.545	106	266999	48.609	ug/L	98
55) Styrene	9.561	104	469972	51.094	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	232766	52.530	ug/L	100
59) Bromoform	9.735	173	118822	43.912	ug/L	99
60) Isopropylbenzene	9.934	105	715563	46.889	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	190947	45.392	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	603432	47.119	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	619984	47.613	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	357350	48.353	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	356457	48.320	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	351169	47.103	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	48412	47.335	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	267143	49.867	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	248340	55.274	ug/L	100
71) Naphthalene	13.503	128	772599	59.199	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	237215	52.557	ug/L	98

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

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