

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071521\
 Data File : VW021661.D
 Acq On : 15 Jul 2021 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Jul 16 01:01:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 15 01:57:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	471983	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	445328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	244727	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135516	45.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.760%
7) Chloroethane-d5	1.558	69	108237	44.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.700%
11) 1,1-Dichloroethene-d2	2.104	63	245427	44.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.840%
21) 2-Butanone-d5	3.866	46	230896	90.534	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.530%
24) Chloroform-d	4.342	84	287671	46.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
26) 1,2-Dichloroethane-d4	5.027	65	172772	46.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.880%
32) Benzene-d6	5.046	84	569736	45.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.140%
36) 1,2-Dichloropropane-d6	6.066	67	182996	46.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	7.313	98	532661	46.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	7.619	79	92079	46.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.880%
47) 2-Hexanone-d5	8.085	63	165590	90.520	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	249954	47.042	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.080%
66) 1,2-Dichlorobenzene-d4	11.625	152	223754	45.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	176847	43.321	ug/L	100
3) Chloromethane	1.240	50	175233	44.587	ug/L	98
5) Vinyl chloride	1.310	62	174877	44.947	ug/L	98
6) Bromomethane	1.506	94	106920	47.157	ug/L	99
8) Chloroethane	1.577	64	102817	45.965	ug/L	99
9) Trichlorofluoromethane	1.748	101	239428	48.896	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	137279	48.938	ug/L	98
12) 1,1-Dichloroethene	2.114	96	125670	46.622	ug/L	95
13) Acetone	2.156	43	197472	93.658	ug/L #	100
14) Carbon disulfide	2.288	76	400431	42.136	ug/L	100
15) Methyl Acetate	2.423	43	170608	43.544	ug/L	99
16) Methylene chloride	2.503	84	165293	45.172	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	153086	46.552	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	492705	46.260	ug/L	99
19) 1,1-Dichloroethane	3.185	63	280130	46.765	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	170776	46.702	ug/L	97
22) 2-Butanone	3.950	43	265880	91.309	ug/L	98
23) Bromochloromethane	4.243	128	91832	47.578	ug/L	97
25) Chloroform	4.371	83	286454	46.906	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	208001	46.827	ug/L	98
29) Cyclohexane	4.673	56	252854	44.966	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	256579	45.828	ug/L	99
31) Carbon tetrachloride	4.825	117	224337	45.498	ug/L	99
33) Benzene	5.095	78	623485	46.005	ug/L	100
34) Trichloroethene	5.911	95	166371	45.414	ug/L	97
35) Methylcyclohexane	6.127	83	264838	45.535	ug/L	100
37) 1,2-Dichloropropane	6.172	63	161424	45.824	ug/L	100
38) Bromodichloromethane	6.506	83	217773	45.744	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	264290	45.496	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	446851	86.413	ug/L	99
42) Toluene	7.387	91	680629	46.887	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	251006	46.270	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	160092	46.260	ug/L	99
46) Tetrachloroethene	7.976	164	137336	47.135	ug/L	97
48) 2-Hexanone	8.136	43	359404	87.931	ug/L	99
49) Dibromochloromethane	8.246	129	185408	46.521	ug/L	97
50) 1,2-Dibromoethane	8.352	107	174725	46.048	ug/L	99
51) Chlorobenzene	8.882	112	445062	47.113	ug/L	99
52) Ethylbenzene	9.011	91	733221	46.493	ug/L	99
53) m,p-Xylene	9.136	106	288668	47.697	ug/L	99
54) o-Xylene	9.541	106	285354	47.260	ug/L	98
55) Styrene	9.561	104	484022	47.440	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	251589	46.637	ug/L	99
59) Bromoform	9.731	173	138319	43.974	ug/L	100
60) Isopropylbenzene	9.931	105	747022	44.753	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	203501	43.016	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	634169	44.578	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	646806	44.927	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	359672	45.822	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	358393	45.682	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	359109	45.652	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	55298	39.429	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	266263	45.393	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	227824	45.161	ug/L	99
71) Naphthalene	13.503	128	658461	42.858	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	226232	45.405	ug/L	99

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

