

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092122\
 Data File : VW028008.D
 Acq On : 21 Sep 2022 10:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

Quant Time: Sep 22 03:00:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 06:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	327889	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	317642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	182082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	121431	42.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.380%
7) Chloroethane-d5	1.561	69	105061	45.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.380%
11) 1,1-Dichloroethene-d2	2.098	63	230996	45.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.600%
21) 2-Butanone-d5	3.879	46	226786	132.494	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.490%#
24) Chloroform-d	4.336	84	251142	51.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.940%
26) 1,2-Dichloroethane-d4	5.021	65	172313	55.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.040%
32) Benzene-d6	5.037	84	487471	53.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.480%
36) 1,2-Dichloropropane-d6	6.059	67	159426	56.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.780%
41) Toluene-d8	7.307	98	439981	52.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.960%
43) trans-1,3-Dichloroprop...	7.615	79	78211	55.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.640%
47) 2-Hexanone-d5	8.082	63	167474	120.922	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.920%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	238708	57.366	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.740%
66) 1,2-Dichlorobenzene-d4	11.619	152	174293	49.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	109362	44.103	ug/L	98
3) Chloromethane	1.236	50	129328	44.651	ug/L	99
5) Vinyl chloride	1.304	62	131240	44.564	ug/L	97
6) Bromomethane	1.516	94	95070	49.450	ug/L	96
8) Chloroethane	1.577	64	89580	48.030	ug/L	99
9) Trichlorofluoromethane	1.744	101	211526	48.759	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	115570	48.560	ug/L	99
12) 1,1-Dichloroethene	2.108	96	111305	46.786	ug/L	91
13) Acetone	2.175	43	158149	103.675	ug/L	99
14) Carbon disulfide	2.285	76	318418	50.582	ug/L	100
15) Methyl Acetate	2.429	43	167413	63.534	ug/L	97
16) Methylene chloride	2.497	84	144791	51.909	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	118881	52.505	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	423712	59.614	ug/L	99
19) 1,1-Dichloroethane	3.178	63	229882	52.557	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	136816	54.178	ug/L	98
22) 2-Butanone	3.963	43	215600	118.729	ug/L	100
23) Bromochloromethane	4.236	128	73997	54.295	ug/L	96
25) Chloroform	4.362	83	246279	52.740	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	203612	56.222	ug/L	100
29) Cyclohexane	4.664	56	182944	52.760	ug/L	98
30) 1,1,1-Trichloroethane	4.596	97	208276	53.264	ug/L	99
31) Carbon tetrachloride	4.815	117	176215	50.745	ug/L	98
33) Benzene	5.088	78	530307	55.960	ug/L	100
34) Trichloroethene	5.905	95	123588	52.627	ug/L	97
35) Methylcyclohexane	6.120	83	197561	52.124	ug/L	98
37) 1,2-Dichloropropane	6.165	63	143754	57.827	ug/L	99
38) Bromodichloromethane	6.500	83	191401	55.140	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	201759	53.596	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	432939	122.108	ug/L	99
42) Toluene	7.381	91	554815	55.248	ug/L	97
44) trans-1,3-Dichloropropene	7.644	75	210920	56.164	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	143309	57.144	ug/L	99
46) Tetrachloroethene	7.969	164	98913	50.626	ug/L	98
48) 2-Hexanone	8.133	43	350497	121.849	ug/L	98
49) Dibromochloromethane	8.239	129	154746	55.895	ug/L	94
50) 1,2-Dibromoethane	8.345	107	145394	56.532	ug/L	98
51) Chlorobenzene	8.876	112	341186	50.893	ug/L	99
52) Ethylbenzene	9.008	91	567773	52.371	ug/L	99
53) m,p-Xylene	9.133	106	223589	53.789	ug/L	99
54) o-Xylene	9.538	106	221361	55.192	ug/L	97
55) Styrene	9.554	104	402274	56.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	238405	56.677	ug/L	97
59) Bromoform	9.725	173	115832	54.973	ug/L	97
60) Isopropylbenzene	9.927	105	565689	52.531	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	190124	55.625	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	465101	50.506	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	487851	53.121	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	278657	50.770	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	284096	50.521	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	290319	52.054	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	54651	52.034	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	212863	49.456	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	186227	48.283	ug/L	99
71) Naphthalene	13.496	128	644525	52.050	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	203198	51.009	ug/L	99

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

