

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW028006.D
 Acq On : 21 Sep 2022 09:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Sep 21 17:41:53 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	5.609	114	351557	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	338678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	184434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	140328	45.468	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.940%
7) Chloroethane-d5	1.561	69	117743	47.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	2.101	63	256992	47.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.000%
21) 2-Butanone-d5	3.873	46	213343	116.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.250%
24) Chloroform-d	4.339	84	276185	53.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.024	65	177060	52.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.460%
32) Benzene-d6	5.043	84	521841	53.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
36) 1,2-Dichloropropane-d6	6.063	67	164592	54.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.200%
41) Toluene-d8	7.310	98	472264	52.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.660%
43) trans-1,3-Dichloroprop...	7.615	79	80036	53.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.200%
47) 2-Hexanone-d5	8.085	63	172621	116.897	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.900%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	246084	55.465	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.940%
66) 1,2-Dichlorobenzene-d4	11.622	152	185734	51.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	125642	47.258	ug/L	99
3) Chloromethane	1.236	50	144321	46.473	ug/L	100
5) Vinyl chloride	1.304	62	150258	47.587	ug/L	97
6) Bromomethane	1.516	94	102146	49.554	ug/L	99
8) Chloroethane	1.577	64	99837	49.926	ug/L	98
9) Trichlorofluoromethane	1.744	101	233097	50.114	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	124581	48.823	ug/L	100
12) 1,1-Dichloroethene	2.111	96	123341	48.355	ug/L	89
13) Acetone	2.166	43	167695	102.532	ug/L	100
14) Carbon disulfide	2.285	76	348355	51.612	ug/L	99
15) Methyl Acetate	2.426	43	169156	59.873	ug/L	95
16) Methylene chloride	2.500	84	149592	50.020	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	127018	52.322	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	423771	55.609	ug/L	99
19) 1,1-Dichloroethane	3.182	63	257966	55.008	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	140791	51.999	ug/L	95
22) 2-Butanone	3.960	43	223316	114.699	ug/L	100
23) Bromochloromethane	4.239	128	77963	53.354	ug/L	97
25) Chloroform	4.368	83	265858	53.100	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	206073	53.071	ug/L	100
29) Cyclohexane	4.670	56	206475	55.847	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	231393	55.500	ug/L	99
31) Carbon tetrachloride	4.821	117	198882	53.715	ug/L	100
33) Benzene	5.091	78	568978	56.311	ug/L	100
34) Trichloroethene	5.908	95	130252	52.020	ug/L	98
35) Methylcyclohexane	6.127	83	218726	54.123	ug/L	98
37) 1,2-Dichloropropane	6.169	63	152892	57.683	ug/L	100
38) Bromodichloromethane	6.503	83	195094	52.713	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	215761	53.755	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	448276	118.581	ug/L	100
42) Toluene	7.384	91	596213	55.683	ug/L	98
44) trans-1,3-Dichloropropene	7.644	75	216251	54.007	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	144580	54.070	ug/L	98
46) Tetrachloroethene	7.972	164	107087	51.405	ug/L	99
48) 2-Hexanone	8.136	43	349942	114.100	ug/L	97
49) Dibromochloromethane	8.242	129	154678	52.401	ug/L	97
50) 1,2-Dibromoethane	8.349	107	146620	53.468	ug/L	96
51) Chlorobenzene	8.876	112	371356	51.953	ug/L	99
52) Ethylbenzene	9.008	91	614848	53.190	ug/L	99
53) m,p-Xylene	9.133	106	237628	53.616	ug/L	93
54) o-Xylene	9.538	106	234457	54.827	ug/L	99
55) Styrene	9.558	104	424688	55.967	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	244076	54.421	ug/L	99
59) Bromoform	9.728	173	114687	53.736	ug/L	99
60) Isopropylbenzene	9.927	105	613199	56.216	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	198714	57.397	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	520171	55.765	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	522496	56.168	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	286557	51.543	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	294973	51.786	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	300028	53.109	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	56931	53.514	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	219831	50.424	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	190488	48.757	ug/L	99
71) Naphthalene	13.496	128	655075	52.228	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	208702	51.722	ug/L	99

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

