

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062923\
 Data File : VW031628.D
 Acq On : 29 Jun 2023 18:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050381

Quant Time: Jun 30 04:30:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	248440	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	246184	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	147212	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79853	48.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.580%
7) Chloroethane-d5	1.532	69	71327	49.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.880%
11) 1,1-Dichloroethene-d2	2.063	65	37949	44.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
21) 2-Butanone-d5	3.793	46	142212	106.220	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.220%
24) Chloroform-d	4.256	84	182461	44.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	4.950	65	112907	43.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.160%
32) Benzene-d6	4.966	84	296732	42.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
36) 1,2-Dichloropropane-d6	5.995	67	110588	45.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.060%
41) Toluene-d8	7.249	98	270600	42.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.100%
43) trans-1,3-Dichloroprop...	7.558	79	51120	42.696	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.400%
47) 2-Hexanone-d5	8.030	63	101204	104.363	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	172228	46.458	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.920%
66) 1,2-Dichlorobenzene-d4	11.567	152	115106	41.020	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	116100	44.057	ug/L	98
3) Chloromethane	1.217	50	124456	50.050	ug/L	100
5) Vinyl chloride	1.285	62	121765	49.398	ug/L	99
6) Bromomethane	1.487	94	77813	48.433	ug/L	99
8) Chloroethane	1.548	64	77787	48.859	ug/L	96
9) Trichlorofluoromethane	1.715	101	187004	45.601	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	102775	46.765	ug/L	95
12) 1,1-Dichloroethene	2.072	96	87414	47.552	ug/L	93
13) Acetone	2.117	43	106853	80.881	ug/L	94
14) Carbon disulfide	2.243	76	245966	44.234	ug/L	98
15) Methyl Acetate	2.378	43	122787	55.203	ug/L	96
16) Methylene chloride	2.452	84	102215	44.351	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	84162	43.860	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	305449	47.707	ug/L	98
19) 1,1-Dichloroethane	3.117	63	198954	48.040	ug/L	97
20) cis-1,2-Dichloroethene	3.821	96	96754	46.658	ug/L	98
22) 2-Butanone	3.876	43	155684	94.332	ug/L	97
23) Bromochloromethane	4.156	128	51775	46.189	ug/L	93
25) Chloroform	4.285	83	199706	46.388	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	160586	48.330	ug/L	100
29) Cyclohexane	4.590	56	144398	45.083	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	177571	44.988	ug/L	98
31) Carbon tetrachloride	4.741	117	154383	44.144	ug/L	99
33) Benzene	5.018	78	389702	47.546	ug/L	100
34) Trichloroethene	5.841	95	101062	46.143	ug/L	97
35) Methylcyclohexane	6.056	83	137973	42.754	ug/L	96
37) 1,2-Dichloropropane	6.101	63	116007	48.199	ug/L	100
38) Bromodichloromethane	6.439	83	151079	46.440	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	165649	46.364	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	317899	112.486	ug/L	97
42) Toluene	7.323	91	405798	47.751	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	166614	47.887	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	109674	48.237	ug/L	99
46) Tetrachloroethene	7.911	164	73955	43.022	ug/L	94
48) 2-Hexanone	8.082	43	243641	107.944	ug/L	95
49) Dibromochloromethane	8.181	129	115234	45.602	ug/L	99
50) 1,2-Dibromoethane	8.288	107	111926	46.233	ug/L	97
51) Chlorobenzene	8.818	112	252450	44.853	ug/L	100
52) Ethylbenzene	8.953	91	437859	46.175	ug/L	100
53) m,p-Xylene	9.079	106	160954	46.349	ug/L	97
54) o-Xylene	9.487	106	153273	46.510	ug/L	98
55) Styrene	9.503	104	293551	49.877	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	181274	48.796	ug/L	98
59) Bromoform	9.670	173	88226	48.348	ug/L #	98
60) Isopropylbenzene	9.873	105	425234	45.309	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	141775	48.759	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	345522	44.545	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	320225	44.307	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	210336	44.702	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	220128	43.903	ug/L	97
67) 1,2-Dichlorobenzene	11.586	146	211853	44.610	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	43155	50.006	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	155063	43.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	140673	44.763	ug/L	99
71) Naphthalene	13.445	128	401698	50.464	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	150358	46.041	ug/L	96

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

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