

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081822\
 Data File : VW027432.D
 Acq On : 18 Aug 2022 12:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050341

Quant Time: Aug 18 20:49:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	302383	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.847	117	304787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	182149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99732	48.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.760%
7) Chloroethane-d5	1.564	69	66656	44.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.460%
11) 1,1-Dichloroethene-d2	2.105	63	221341	58.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.400%
21) 2-Butanone-d5	3.873	46	145752	79.426	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.430%
24) Chloroform-d	4.339	84	203797	48.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	5.024	65	128114	48.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
32) Benzene-d6	5.043	84	382303	52.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
36) 1,2-Dichloropropane-d6	6.063	67	118222	45.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.940%
41) Toluene-d8	7.310	98	352954	56.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.300%
43) trans-1,3-Dichloroprop...	7.616	79	55510	48.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.960%
47) 2-Hexanone-d5	8.085	63	101514	81.067	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.070%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	169781	40.071	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.140%
66) 1,2-Dichlorobenzene-d4	11.622	152	128849	40.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129739	48.231	ug/L	100
3) Chloromethane	1.240	50	122605	39.897	ug/L	99
5) Vinyl chloride	1.310	62	126085	41.186	ug/L	100
6) Bromomethane	1.519	94	54047	37.450	ug/L	97
8) Chloroethane	1.580	64	69418	40.703	ug/L	100
9) Trichlorofluoromethane	1.751	101	205901	52.419	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	129747	59.569	ug/L	96
12) 1,1-Dichloroethene	2.114	96	110724	52.846	ug/L	91
13) Acetone	2.166	43	159340	112.609	ug/L	87
14) Carbon disulfide	2.291	76	269685	37.819	ug/L	100
15) Methyl Acetate	2.426	43	164426	51.090	ug/L	# 83
16) Methylene chloride	2.500	84	139418	49.815	ug/L	86
17) trans-1,2-Dichloroethene	2.754	96	119095	51.365	ug/L	92
18) Methyl tert-butyl Ether	2.764	73	410645	59.550	ug/L	# 95
19) 1,1-Dichloroethane	3.182	63	251277	53.986	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	129521	53.774	ug/L	88
22) 2-Butanone	3.953	43	228203	117.636	ug/L	100
23) Bromochloromethane	4.239	128	73571	54.699	ug/L	91
25) Chloroform	4.365	83	265844	56.516	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	210031	57.331	ug/L	96
29) Cyclohexane	4.670	56	178203	50.768	ug/L	92
30) 1,1,1-Trichloroethane	4.600	97	230200	56.983	ug/L	97
31) Carbon tetrachloride	4.818	117	198607	56.626	ug/L	100
33) Benzene	5.092	78	523649	53.464	ug/L	100
34) Trichloroethene	5.908	95	128616	51.285	ug/L	97
35) Methylcyclohexane	6.124	83	192229	52.127	ug/L	91
37) 1,2-Dichloropropane	6.165	63	148834	54.241	ug/L	100
38) Bromodichloromethane	6.503	83	196623	54.689	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	206194	56.730	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	443218	113.226	ug/L #	91
42) Toluene	7.381	91	552677	55.499	ug/L	98
44) trans-1,3-Dichloropropene	7.644	75	205265	57.468	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	145474	55.007	ug/L	98
46) Tetrachloroethene	7.972	164	99284	54.089	ug/L	96
48) 2-Hexanone	8.133	43	350356	112.379	ug/L #	90
49) Dibromochloromethane	8.239	129	159248	56.964	ug/L	98
50) 1,2-Dibromoethane	8.345	107	144381	53.057	ug/L	98
51) Chlorobenzene	8.876	112	357935	53.587	ug/L	96
52) Ethylbenzene	9.008	91	577633	56.214	ug/L	99
53) m,p-Xylene	9.133	106	226117	58.225	ug/L	94
54) o-Xylene	9.538	106	218633	57.787	ug/L	97
55) Styrene	9.554	104	408820	61.339	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	238682	53.873	ug/L	99
59) Bromoform	9.725	173	110729	51.166	ug/L	99
60) Isopropylbenzene	9.927	105	587771	51.204	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	191685	45.839	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	498587	52.595	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	503218	54.188	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	292483	52.572	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	300034	51.244	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	297759	51.080	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.422	75	54833	46.739	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	215026	57.544	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	178822	57.619	ug/L	100
71) Naphthalene	13.500	128	523295	49.242	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	193763	56.327	ug/L	100

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

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