

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060622\
 Data File : VW026001.D
 Acq On : 06 Jun 2022 14:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

Quant Time: Jun 07 02:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	355577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	357422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	207726	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	162132	35.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.660%
7) Chloroethane-d5	1.571	69	141526	35.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	2.111	63	334708	41.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.400%
21) 2-Butanone-d5	3.896	46	171183	87.031	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.030%
24) Chloroform-d	4.349	84	308841	48.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	5.031	65	176792	45.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.280%
32) Benzene-d6	5.050	84	601465	48.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
36) 1,2-Dichloropropane-d6	6.069	67	190585	49.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.600%
41) Toluene-d8	7.314	98	573673	49.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.940%
43) trans-1,3-Dichloroprop...	7.619	79	87432	51.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.360%
47) 2-Hexanone-d5	8.088	63	155476	110.810	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.810%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	269968	52.898	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	227764	49.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	172327	46.875	ug/L	99
3) Chloromethane	1.243	50	197730	44.472	ug/L	100
5) Vinyl chloride	1.314	62	209920	46.440	ug/L	100
6) Bromomethane	1.526	94	125161	45.567	ug/L	100
8) Chloroethane	1.587	64	140487	41.616	ug/L	99
9) Trichlorofluoromethane	1.754	101	305679	47.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	177150	51.905	ug/L	98
12) 1,1-Dichloroethene	2.121	96	165644	49.345	ug/L	91
13) Acetone	2.185	43	104654	77.970	ug/L	99
14) Carbon disulfide	2.294	76	395938	47.686	ug/L	99
15) Methyl Acetate	2.439	43	131015	45.561	ug/L	100
16) Methylene chloride	2.510	84	177891	54.711	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	154772	53.665	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	479842	57.207	ug/L	98
19) 1,1-Dichloroethane	3.191	63	299453	55.590	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	172160	55.303	ug/L	100
22) 2-Butanone	3.976	43	142586	79.658	ug/L	97
23) Bromochloromethane	4.246	128	89998	54.733	ug/L	98
25) Chloroform	4.375	83	313423	54.907	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	217994	50.512	ug/L	96
29) Cyclohexane	4.677	56	244712	56.553	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	267281	55.062	ug/L	98
31) Carbon tetrachloride	4.828	117	221737	54.410	ug/L	99
33) Benzene	5.098	78	680024	56.504	ug/L	100
34) Trichloroethene	5.912	95	173490	55.115	ug/L	98
35) Methylcyclohexane	6.130	83	273612	58.037	ug/L	99
37) 1,2-Dichloropropane	6.172	63	176435	58.360	ug/L	99
38) Bromodichloromethane	6.506	83	227353	55.611	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	252152	58.487	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	426615	120.722	ug/L	98
42) Toluene	7.384	91	730624	56.591	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	241862	58.313	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	176104	57.329	ug/L	99
46) Tetrachloroethene	7.973	164	131319	56.555	ug/L	97
48) 2-Hexanone	8.140	43	328429	119.446	ug/L	97
49) Dibromochloromethane	8.243	129	170770	56.360	ug/L	97
50) 1,2-Dibromoethane	8.349	107	179294	57.396	ug/L	98
51) Chlorobenzene	8.879	112	463082	56.014	ug/L	99
52) Ethylbenzene	9.011	91	774351	58.136	ug/L	99
53) m,p-Xylene	9.137	106	304194	58.879	ug/L	99
54) o-Xylene	9.542	106	298821	58.880	ug/L	98
55) Styrene	9.558	104	532976	60.271	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	268698	58.626	ug/L	100
59) Bromoform	9.728	173	106202	53.000	ug/L	99
60) Isopropylbenzene	9.931	105	786574	56.531	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	215554	52.426	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	412363	57.496	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	646033	58.056	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	363427	55.180	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	375605	54.418	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	373476	54.823	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	50331	53.022	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	259495	57.062	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	222669	57.501	ug/L	98
71) Naphthalene	13.500	128	698461	60.903	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	236168	59.847	ug/L	99

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

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