

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024536.D
 Acq On : 02 Feb 2022 19:44
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050399

Quant Time: Feb 03 06:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:56:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	349432	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	319474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	148019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119001	47.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.920%
7) Chloroethane-d5	1.568	69	101174	46.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	2.108	63	250949	50.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.520%
21) 2-Butanone-d5	3.902	46	169632	103.359	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	4.349	84	226657	49.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	5.031	65	144488	49.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
32) Benzene-d6	5.050	84	440956	48.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
36) 1,2-Dichloropropane-d6	6.069	67	142149	49.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	7.314	98	400380	47.892	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
43) trans-1,3-Dichloroprop...	7.619	79	73300	48.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
47) 2-Hexanone-d5	8.088	63	134010	109.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.110%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	175251	50.551	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	138990	49.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	132009	51.099	ug/L	98
3) Chloromethane	1.240	50	140047	54.377	ug/L	100
5) Vinyl chloride	1.311	62	149151	54.509	ug/L	97
6) Bromomethane	1.523	94	90272	53.595	ug/L	98
8) Chloroethane	1.584	64	94917	50.851	ug/L	98
9) Trichlorofluoromethane	1.754	101	209062	51.532	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	117020	54.448	ug/L	98
12) 1,1-Dichloroethene	2.118	96	113783	55.032	ug/L	99
13) Acetone	2.201	43	143669	83.272	ug/L	61
14) Carbon disulfide	2.291	76	301631	52.609	ug/L	99
15) Methyl Acetate	2.439	43	113501	49.661	ug/L	97
16) Methylene chloride	2.507	84	120593	52.803	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	111587	52.776	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	396151	53.652	ug/L	100
19) 1,1-Dichloroethane	3.188	63	219077	53.455	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	125661	52.648	ug/L	97
22) 2-Butanone	3.989	43	185984	95.732	ug/L	91
23) Bromochloromethane	4.249	128	60297	52.497	ug/L	99
25) Chloroform	4.375	83	226111	53.020	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	172295	51.541	ug/L	99
29) Cyclohexane	4.677	56	190452	51.074	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	200041	52.364	ug/L	100
31) Carbon tetrachloride	4.828	117	165904	52.587	ug/L	100
33) Benzene	5.098	78	482338	53.063	ug/L	100
34) Trichloroethene	5.912	95	132658	51.798	ug/L	98
35) Methylcyclohexane	6.130	83	197058	50.995	ug/L	99
37) 1,2-Dichloropropane	6.172	63	123170	51.389	ug/L	100
38) Bromodichloromethane	6.510	83	175233	52.148	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	204166	51.896	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	380154	113.244	ug/L	98
42) Toluene	7.387	91	511028	52.476	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	201613	52.769	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	120466	52.573	ug/L	99
46) Tetrachloroethene	7.976	164	78620	51.670	ug/L	97
48) 2-Hexanone	8.140	43	301038	105.436	ug/L	99
49) Dibromochloromethane	8.246	129	126895	52.467	ug/L	100
50) 1,2-Dibromoethane	8.352	107	127970	53.706	ug/L	100
51) Chlorobenzene	8.879	112	317546	52.250	ug/L	98
52) Ethylbenzene	9.011	91	559699	51.935	ug/L	98
53) m,p-Xylene	9.137	106	209607	51.979	ug/L	98
54) o-Xylene	9.542	106	209395	51.996	ug/L	100
55) Styrene	9.558	104	357986	52.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	175400	53.456	ug/L	97
59) Bromoform	9.731	173	77360	54.150	ug/L	100
60) Isopropylbenzene	9.931	105	557097	52.704	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	159846	54.400	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	473524	52.460	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	477660	52.581	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	226997	52.516	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	226903	51.828	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	227289	52.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	43613	56.320	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	150124	52.372	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	137121	53.687	ug/L	97
71) Naphthalene	13.500	128	513658	54.857	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	137006	54.915	ug/L	99

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

