

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024418.D
 Acq On : 20 Jan 2022 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Jan 21 00:07:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 21 00:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	207936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	200156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	111486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76561	51.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.320%	
7) Chloroethane-d5	1.568	69	58551	51.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 103.000%	
11) 1,1-Dichloroethene-d2	2.111	63	141196	50.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.960%	
21) 2-Butanone-d5	3.886	46	90192	108.175	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.180%	
24) Chloroform-d	4.349	84	148968	54.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.940%	
26) 1,2-Dichloroethane-d4	5.031	65	99142	54.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.280%	
32) Benzene-d6	5.050	84	281493	53.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.780%	
36) 1,2-Dichloropropane-d6	6.069	67	80889	55.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.520%	
41) Toluene-d8	7.313	98	273660	54.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.220%	
43) trans-1,3-Dichloroprop...	7.619	79	47032	55.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 111.600%	
47) 2-Hexanone-d5	8.085	63	68394	107.542	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.540%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	113661	54.333	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 108.660%	
66) 1,2-Dichlorobenzene-d4	11.622	152	119181	53.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	84749	50.520	ug/L	99
3) Chloromethane	1.243	50	69071	49.008	ug/L	97
5) Vinyl chloride	1.314	62	71870	48.194	ug/L	94
6) Bromomethane	1.523	94	47279	55.637	ug/L	97
8) Chloroethane	1.587	64	41733	45.339	ug/L	99
9) Trichlorofluoromethane	1.754	101	120644	45.007	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	61136	46.667	ug/L	99
12) 1,1-Dichloroethene	2.121	96	57348	45.278	ug/L	83
13) Acetone	2.179	43	77905	94.637	ug/L	99
14) Carbon disulfide	2.298	76	158044	42.975	ug/L	99
15) Methyl Acetate	2.433	43	57460	47.992	ug/L	98
16) Methylene chloride	2.510	84	63839	46.284	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	60218	46.139	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	198745	49.409	ug/L	99
19) 1,1-Dichloroethane	3.191	63	101225	46.760	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	65336	46.873	ug/L	97
22) 2-Butanone	3.970	43	82491	94.336	ug/L	94
23) Bromochloromethane	4.249	128	37596	46.810	ug/L	96
25) Chloroform	4.375	83	118644	46.876	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	93838	45.582	ug/L	97
29) Cyclohexane	4.680	56	86156	48.153	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	110488	44.864	ug/L	99
31) Carbon tetrachloride	4.828	117	101446	44.401	ug/L	100
33) Benzene	5.098	78	238720	46.905	ug/L	100
34) Trichloroethene	5.915	95	66817	47.608	ug/L	98
35) Methylcyclohexane	6.133	83	99244	47.680	ug/L	100
37) 1,2-Dichloropropane	6.172	63	55864	46.667	ug/L	99
38) Bromodichloromethane	6.510	83	87688	46.680	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	96242	47.827	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	152581	97.747	ug/L	100
42) Toluene	7.387	91	270730	47.388	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	100061	49.019	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	62844	46.829	ug/L	98
46) Tetrachloroethene	7.976	164	57667	45.143	ug/L	98
48) 2-Hexanone	8.140	43	124557	99.346	ug/L	98
49) Dibromochloromethane	8.246	129	76085	45.230	ug/L	95
50) 1,2-Dibromoethane	8.352	107	68875	47.783	ug/L	99
51) Chlorobenzene	8.879	112	177384	46.098	ug/L	100
52) Ethylbenzene	9.011	91	284351	46.589	ug/L	99
53) m,p-Xylene	9.137	106	114286	46.715	ug/L	97
54) o-Xylene	9.542	106	112266	48.073	ug/L	100
55) Styrene	9.558	104	192402	47.442	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	90968	46.422	ug/L	100
59) Bromoform	9.731	173	55329	43.523	ug/L	97
60) Isopropylbenzene	9.931	105	296253	48.022	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	76500	46.730	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	255684	48.182	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	260966	49.259	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	150802	47.409	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	152333	46.438	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	151339	46.165	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20034	42.491	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	112753	46.084	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	95723	45.747	ug/L	99
71) Naphthalene	13.500	128	273953	45.252	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	99288	45.911	ug/L	100

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

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