

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010522\
 Data File : VW024284.D
 Acq On : 05 Jan 2022 17:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Quant Time: Jan 06 01:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 00:59:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	274892	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257137	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	145619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83770	42.343	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.680%
7) Chloroethane-d5	1.568	69	65138	43.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	2.111	63	168079	45.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.920%
21) 2-Butanone-d5	3.883	46	99787	90.532	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.530%
24) Chloroform-d	4.349	84	168698	46.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	5.031	65	111272	45.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
32) Benzene-d6	5.050	84	312982	46.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	6.069	67	87073	46.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	7.317	98	310391	47.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	7.619	79	51106	47.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.380%
47) 2-Hexanone-d5	8.085	63	77818	95.246	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.250%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	121831	45.333	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.660%
66) 1,2-Dichlorobenzene-d4	11.622	152	134735	46.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	105278	47.471	ug/L	99
3) Chloromethane	1.243	50	89199	47.874	ug/L	98
5) Vinyl chloride	1.314	62	95724	48.555	ug/L	97
6) Bromomethane	1.526	94	63049	56.123	ug/L	100
8) Chloroethane	1.587	64	59058	48.533	ug/L	97
9) Trichlorofluoromethane	1.754	101	180071	50.814	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	91372	52.759	ug/L	99
12) 1,1-Dichloroethene	2.121	96	82118	49.043	ug/L	89
13) Acetone	2.175	43	117972	108.404	ug/L	100
14) Carbon disulfide	2.298	76	221525	45.565	ug/L	99
15) Methyl Acetate	2.433	43	75787	47.881	ug/L	99
16) Methylene chloride	2.510	84	96000	52.648	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	85098	49.320	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	282439	53.113	ug/L	99
19) 1,1-Dichloroethane	3.191	63	148573	51.915	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	94051	51.039	ug/L	98
22) 2-Butanone	3.966	43	119487	103.361	ug/L	99
23) Bromochloromethane	4.249	128	53442	50.332	ug/L	94
25) Chloroform	4.375	83	168764	50.437	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	133774	49.154	ug/L	98
29) Cyclohexane	4.680	56	122600	53.337	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	164673	52.049	ug/L	99
31) Carbon tetrachloride	4.828	117	151217	51.519	ug/L	100
33) Benzene	5.098	78	342000	52.307	ug/L	100
34) Trichloroethene	5.915	95	94867	52.616	ug/L	99
35) Methylcyclohexane	6.130	83	145376	54.366	ug/L	100
37) 1,2-Dichloropropane	6.172	63	80131	52.106	ug/L	100
38) Bromodichloromethane	6.510	83	127373	52.781	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	134551	52.048	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	207443	103.444	ug/L	99
42) Toluene	7.387	91	388874	52.984	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	140189	53.459	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	89357	51.830	ug/L	98
46) Tetrachloroethene	7.976	164	86121	52.478	ug/L	99
48) 2-Hexanone	8.137	43	172248	106.940	ug/L	99
49) Dibromochloromethane	8.246	129	109567	50.701	ug/L	99
50) 1,2-Dibromoethane	8.352	107	96071	51.881	ug/L	99
51) Chlorobenzene	8.879	112	258553	52.302	ug/L	99
52) Ethylbenzene	9.011	91	423247	53.980	ug/L	100
53) m,p-Xylene	9.137	106	171029	54.418	ug/L	100
54) o-Xylene	9.542	106	164619	54.870	ug/L	98
55) Styrene	9.558	104	284087	54.527	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	125161	49.718	ug/L	99
59) Bromoform	9.731	173	80421	48.433	ug/L	99
60) Isopropylbenzene	9.931	105	443005	54.978	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	104251	48.755	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	385341	55.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	393169	56.818	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	224290	53.984	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	224620	52.424	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	222978	52.074	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	28103	45.633	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	174221	54.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	148063	54.174	ug/L	99
71) Naphthalene	13.500	128	436860	55.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	152872	54.119	ug/L	99

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

