

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024300.D
 Acq On : 06 Jan 2022 17:27
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050380

Quant Time: Jan 07 01:39:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	244364	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	233179	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68195	38.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.560%
7) Chloroethane-d5	1.571	69	56020	41.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.860%
11) 1,1-Dichloroethene-d2	2.111	63	141354	43.006	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
21) 2-Butanone-d5	3.886	46	84080	85.811	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.810%
24) Chloroform-d	4.349	84	145560	45.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
26) 1,2-Dichloroethane-d4	5.030	65	95789	44.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.020%
32) Benzene-d6	5.047	84	268609	44.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	6.066	67	75145	44.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	7.313	98	264848	44.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.900%
43) trans-1,3-Dichloroprop...	7.619	79	44998	45.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.640%
47) 2-Hexanone-d5	8.085	63	64652	87.261	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	106372	43.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	119065	44.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87349	44.307	ug/L	100
3) Chloromethane	1.243	50	73996	44.676	ug/L	96
5) Vinyl chloride	1.314	62	80613	45.998	ug/L	94
6) Bromomethane	1.526	94	55102	55.176	ug/L	99
8) Chloroethane	1.587	64	49462	45.725	ug/L	96
9) Trichlorofluoromethane	1.754	101	151549	48.108	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	76145	49.459	ug/L	99
12) 1,1-Dichloroethene	2.121	96	69414	46.635	ug/L	93
13) Acetone	2.178	43	94196	97.369	ug/L	98
14) Carbon disulfide	2.297	76	184100	42.598	ug/L	99
15) Methyl Acetate	2.432	43	62328	44.297	ug/L	100
16) Methylene chloride	2.506	84	75443	46.543	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	72494	47.264	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	230308	48.720	ug/L	99
19) 1,1-Dichloroethane	3.188	63	121893	47.914	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	78092	47.673	ug/L	95
22) 2-Butanone	3.969	43	95078	92.521	ug/L	94
23) Bromochloromethane	4.246	128	44975	47.650	ug/L	97
25) Chloroform	4.371	83	140062	47.088	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	111775	46.201	ug/L	100
29) Cyclohexane	4.680	56	100214	48.078	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	136862	47.703	ug/L	99
31) Carbon tetrachloride	4.828	117	125721	47.233	ug/L	100
33) Benzene	5.098	78	281487	47.475	ug/L	100
34) Trichloroethene	5.911	95	78517	48.022	ug/L	97
35) Methylcyclohexane	6.130	83	119154	49.138	ug/L	99
37) 1,2-Dichloropropane	6.172	63	67059	48.086	ug/L	99
38) Bromodichloromethane	6.506	83	103332	47.218	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	113072	48.233	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	165944	91.252	ug/L	99
42) Toluene	7.384	91	325775	48.947	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	116322	48.915	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	74847	47.874	ug/L	96
46) Tetrachloroethene	7.976	164	72122	48.463	ug/L	98
48) 2-Hexanone	8.136	43	141498	96.875	ug/L	99
49) Dibromochloromethane	8.243	129	91445	46.663	ug/L	98
50) 1,2-Dibromoethane	8.349	107	77723	46.285	ug/L	97
51) Chlorobenzene	8.879	112	215722	48.122	ug/L	99
52) Ethylbenzene	9.011	91	348621	49.030	ug/L	98
53) m,p-Xylene	9.136	106	138918	48.742	ug/L	99
54) o-Xylene	9.542	106	135338	49.745	ug/L	98
55) Styrene	9.558	104	240218	50.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	103501	45.338	ug/L	98
59) Bromoform	9.728	173	66027	42.949	ug/L	100
60) Isopropylbenzene	9.931	105	368896	49.448	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	85814	43.347	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	319598	49.803	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	323778	50.538	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	187774	48.815	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	188157	47.432	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	188148	47.460	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	22804	39.995	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	144161	48.724	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	124496	49.200	ug/L	99
71) Naphthalene	13.500	128	344972	47.121	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	125705	48.066	ug/L	100

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

