

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081224\
 Data File : VV036911.D
 Acq On : 12 Aug 2024 17:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050355

Quant Time: Aug 13 03:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 13 02:57:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	690046	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	661778	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	336598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	211673	38.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.820%
7) Chloroethane-d5	1.532	69	185605	42.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.060	65	93197	39.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.060%
21) 2-Butanone-d5	3.796	46	275061	94.194	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.190%
24) Chloroform-d	4.246	84	475999	48.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
26) 1,2-Dichloroethane-d4	4.937	65	298128	46.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
32) Benzene-d6	4.954	84	893369	44.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.986	67	303604	47.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	7.240	98	779207	42.498	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.551	79	134132	39.968	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.940%
47) 2-Hexanone-d5	8.024	63	185762	100.189	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.190%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	381519	51.528	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.060%
66) 1,2-Dichlorobenzene-d4	11.555	152	320850	46.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	296250	53.843	ug/L	99
3) Chloromethane	1.217	50	307580	53.417	ug/L	99
5) Vinyl chloride	1.282	62	309058	52.265	ug/L	100
6) Bromomethane	1.487	94	186362	50.057	ug/L	99
8) Chloroethane	1.549	64	190057	51.888	ug/L	100
9) Trichlorofluoromethane	1.712	101	408126	52.692	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	240231	52.636	ug/L	100
12) 1,1-Dichloroethene	2.069	96	223015	51.163	ug/L	94
13) Acetone	2.114	43	188564	77.178	ug/L	100
14) Carbon disulfide	2.240	76	620870	45.344	ug/L	99
15) Methyl Acetate	2.372	43	248982	49.468	ug/L	98
16) Methylene chloride	2.446	84	256502	52.343	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	232114	51.408	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	799386	50.269	ug/L	100
19) 1,1-Dichloroethane	3.105	63	480195	52.641	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	277529	52.369	ug/L	97
22) 2-Butanone	3.880	43	292645	89.411	ug/L	100
23) Bromochloromethane	4.143	128	135885	52.786	ug/L	97
25) Chloroform	4.272	83	487189	51.999	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	375395	50.795	ug/L	99
29) Cyclohexane	4.574	56	419374	49.737	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	415640	49.851	ug/L	99
31) Carbon tetrachloride	4.728	117	344499	49.200	ug/L	100
33) Benzene	5.005	78	1040193	52.551	ug/L	100
34) Trichloroethene	5.828	95	284304	49.560	ug/L	97
35) Methylcyclohexane	6.043	83	431671	49.039	ug/L	98
37) 1,2-Dichloropropane	6.092	63	282420	53.861	ug/L	99
38) Bromodichloromethane	6.429	83	357344	49.489	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	428442	47.709	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	620716	95.561	ug/L	99
42) Toluene	7.310	91	1081893	51.316	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	389340	46.526	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	259846	51.171	ug/L	99
46) Tetrachloroethene	7.899	164	191749	50.959	ug/L	97
48) 2-Hexanone	8.076	43	455160	95.250	ug/L	99
49) Dibromochloromethane	8.172	129	259476	49.725	ug/L	96
50) 1,2-Dibromoethane	8.278	107	269034	51.064	ug/L	98
51) Chlorobenzene	8.809	112	695392	51.406	ug/L	98
52) Ethylbenzene	8.940	91	1238130	51.433	ug/L	100
53) m,p-Xylene	9.069	106	448925	49.890	ug/L	99
54) o-Xylene	9.474	106	449768	51.105	ug/L	99
55) Styrene	9.490	104	788231	52.262	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	366877	53.545	ug/L	100
59) Bromoform	9.661	173	167968	45.107	ug/L	99
60) Isopropylbenzene	9.863	105	1231778	50.266	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	295205	48.719	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1003109	49.168	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	998382	48.886	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	533833	50.659	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	544668	50.828	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	528199	51.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	74162	42.354	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	371761	49.712	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	342276	47.722	ug/L	98
71) Naphthalene	13.432	128	1061769	46.164	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	341148	48.592	ug/L	100

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

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