

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032824\
 Data File : VW034893.D
 Acq On : 28 Mar 2024 17:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

Quant Time: Mar 29 00:27:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	361816	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	357380	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186500	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	157668	45.122	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.240%
7) Chloroethane-d5	1.529	69	146086	48.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.260%
11) 1,1-Dichloroethene-d2	2.060	65	71178	46.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.940%
21) 2-Butanone-d5	3.789	46	165691	79.952	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.950%
24) Chloroform-d	4.249	84	263292	44.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
26) 1,2-Dichloroethane-d4	4.940	65	160000	42.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
32) Benzene-d6	4.960	84	522309	43.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
36) 1,2-Dichloropropane-d6	5.989	67	161100	42.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.520%
41) Toluene-d8	7.243	98	481128	44.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.551	79	78079	42.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.260%
47) 2-Hexanone-d5	8.024	63	117706	81.668	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.670%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	229224	43.666	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.340%
66) 1,2-Dichlorobenzene-d4	11.558	152	176340	42.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	122901	46.867	ug/L	100
3) Chloromethane	1.214	50	137421	40.763	ug/L	100
5) Vinyl chloride	1.281	62	156391	44.250	ug/L	99
6) Bromomethane	1.487	94	124065	46.831	ug/L	97
8) Chloroethane	1.548	64	113868	47.175	ug/L	98
9) Trichlorofluoromethane	1.712	101	233555	50.350	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	146741	51.684	ug/L	99
12) 1,1-Dichloroethene	2.069	96	129502	47.691	ug/L	92
13) Acetone	2.117	43	146111	76.796	ug/L	98
14) Carbon disulfide	2.240	76	302033	39.497	ug/L	100
15) Methyl Acetate	2.375	43	135909	45.330	ug/L	96
16) Methylene chloride	2.445	84	141131	47.966	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	124031	47.244	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	436884	47.378	ug/L	99
19) 1,1-Dichloroethane	3.111	63	253807	47.143	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	145548	48.822	ug/L	93
22) 2-Butanone	3.867	43	192131	87.026	ug/L	97
23) Bromochloromethane	4.146	128	74653	50.051	ug/L	92
25) Chloroform	4.275	83	262003	49.223	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	204843	48.336	ug/L	100
29) Cyclohexane	4.580	56	195490	43.674	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	222897	47.848	ug/L	99
31) Carbon tetrachloride	4.735	117	190917	48.353	ug/L	99
33) Benzene	5.008	78	545555	46.814	ug/L	100
34) Trichloroethene	5.831	95	145995	46.421	ug/L	99
35) Methylcyclohexane	6.050	83	218986	46.105	ug/L	97
37) 1,2-Dichloropropane	6.092	63	150162	46.627	ug/L	99
38) Bromodichloromethane	6.432	83	198712	47.822	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	239932	47.293	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	382841	93.107	ug/L	99
42) Toluene	7.313	91	585926	48.024	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	224625	48.193	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	150224	49.489	ug/L	98
46) Tetrachloroethene	7.905	164	107437	48.896	ug/L	98
48) 2-Hexanone	8.072	43	315055	90.089	ug/L	99
49) Dibromochloromethane	8.175	129	147648	49.111	ug/L	99
50) 1,2-Dibromoethane	8.281	107	158861	48.611	ug/L	100
51) Chlorobenzene	8.812	112	380429	48.110	ug/L	100
52) Ethylbenzene	8.944	91	653651	48.341	ug/L	99
53) m,p-Xylene	9.072	106	242086	48.616	ug/L	98
54) o-Xylene	9.477	106	239445	48.599	ug/L	98
55) Styrene	9.493	104	420086	50.454	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	246835	50.188	ug/L	100
59) Bromoform	9.664	173	104431	48.862	ug/L	99
60) Isopropylbenzene	9.866	105	650706	48.397	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	193337	47.840	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	421992	48.328	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	526489	48.767	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	300758	47.867	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	306114	47.909	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	303388	48.471	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	52388	47.053	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	215501	47.590	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	195219	46.933	ug/L	99
71) Naphthalene	13.439	128	514506	44.583	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	201150	49.059	ug/L	98

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

