

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031524\
 Data File : VW034686.D
 Acq On : 16 Mar 2024 04:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

Quant Time: Mar 16 05:23:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:58:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	359760	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	340195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104001	33.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.700%
7) Chloroethane-d5	1.529	69	96695	39.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.056	65	51049	36.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.380%
21) 2-Butanone-d5	3.786	46	201816	96.765	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.770%
24) Chloroform-d	4.246	84	239442	43.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
26) 1,2-Dichloroethane-d4	4.940	65	154406	42.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.700%
32) Benzene-d6	4.960	84	434647	42.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.660%
36) 1,2-Dichloropropane-d6	5.989	67	138228	44.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.240%
41) Toluene-d8	7.243	98	387638	41.720	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.440%
43) trans-1,3-Dichloroprop...	7.551	79	63369	40.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.540%
47) 2-Hexanone-d5	8.024	63	146754	93.793	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.790%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	195996	47.532	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.060%
66) 1,2-Dichlorobenzene-d4	11.561	152	155728	43.204	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	150100	39.776	ug/L	97
3) Chloromethane	1.214	50	153378	41.364	ug/L	99
5) Vinyl chloride	1.281	62	150358	41.773	ug/L	98
6) Bromomethane	1.487	94	91676	42.451	ug/L	99
8) Chloroethane	1.545	64	96224	44.978	ug/L	99
9) Trichlorofluoromethane	1.712	101	223002	41.372	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	118996	40.961	ug/L	98
12) 1,1-Dichloroethene	2.069	96	114502	42.505	ug/L	91
13) Acetone	2.117	43	148050	59.049	ug/L	99
14) Carbon disulfide	2.240	76	322619	43.152	ug/L	100
15) Methyl Acetate	2.371	43	162610	50.695	ug/L	99
16) Methylene chloride	2.445	84	134952	47.227	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	118901	45.602	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	451033	48.169	ug/L	99
19) 1,1-Dichloroethane	3.111	63	247217	48.401	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	135820	48.010	ug/L	96
22) 2-Butanone	3.866	43	203946	82.374	ug/L	95
23) Bromochloromethane	4.146	128	70444	48.155	ug/L	95
25) Chloroform	4.275	83	251806	47.564	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	200504	46.615	ug/L	97
29) Cyclohexane	4.580	56	194459	43.458	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	225134	46.150	ug/L	100
31) Carbon tetrachloride	4.731	117	193034	44.694	ug/L	99
33) Benzene	5.008	78	501417	47.484	ug/L	100
34) Trichloroethene	5.831	95	133155	44.361	ug/L	99
35) Methylcyclohexane	6.050	83	192521	42.190	ug/L	99
37) 1,2-Dichloropropane	6.091	63	135005	48.833	ug/L	100
38) Bromodichloromethane	6.432	83	183014	47.062	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	208045	46.447	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	411197	100.868	ug/L	99
42) Toluene	7.313	91	526973	47.153	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	197050	45.741	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	134059	50.257	ug/L	98
46) Tetrachloroethene	7.905	164	96906	43.411	ug/L	97
48) 2-Hexanone	8.072	43	315143	97.015	ug/L	96
49) Dibromochloromethane	8.175	129	137936	49.002	ug/L	100
50) 1,2-Dibromoethane	8.281	107	138770	49.025	ug/L	99
51) Chlorobenzene	8.812	112	339721	47.021	ug/L	98
52) Ethylbenzene	8.943	91	588491	46.995	ug/L	100
53) m,p-Xylene	9.072	106	221023	46.512	ug/L	100
54) o-Xylene	9.477	106	218935	47.051	ug/L	99
55) Styrene	9.493	104	381749	48.455	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	203733	50.851	ug/L	99
59) Bromoform	9.664	173	94274	48.219	ug/L	99
60) Isopropylbenzene	9.866	105	595694	47.763	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	169390	50.322	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	491579	46.726	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	490887	47.177	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	265241	45.998	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	269222	45.975	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	270896	46.883	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	49143	49.010	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	186978	43.223	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	167756	43.097	ug/L	99
71) Naphthalene	13.438	128	451630	43.375	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	172903	45.534	ug/L	98

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

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