

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031124\
 Data File : VW034543.D
 Acq On : 11 Mar 2024 15:16
 Operator : SY/MD
 Sample : P1637-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNR0MS

Quant Time: Mar 12 01:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	302002	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	289011	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85752	32.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.500%
7) Chloroethane-d5	1.523	69	80657	39.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.080%
11) 1,1-Dichloroethene-d2	2.053	65	39670	33.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.000%
21) 2-Butanone-d5	3.776	46	204132	116.594	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.590%
24) Chloroform-d	4.243	84	215979	46.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	4.937	65	145863	48.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	4.953	84	366085	41.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.940%
36) 1,2-Dichloropropane-d6	5.985	67	122545	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	7.239	98	323347	40.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.920%
43) trans-1,3-Dichloroprop...	7.548	79	61447	45.968	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.940%
47) 2-Hexanone-d5	8.017	63	145854	109.727	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.730%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	185342	52.909	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.820%
66) 1,2-Dichlorobenzene-d4	11.557	152	139599	44.244	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	153293	48.391	ug/L	99
3) Chloromethane	1.214	50	155191	49.857	ug/L	100
5) Vinyl chloride	1.281	62	146263	48.407	ug/L	98
6) Bromomethane	1.471	94	94244	51.986	ug/L	98
8) Chloroethane	1.539	64	92577	51.549	ug/L	99
9) Trichlorofluoromethane	1.709	101	216906	47.937	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	119730	49.096	ug/L	98
12) 1,1-Dichloroethene	2.066	96	108649	48.045	ug/L	89
13) Acetone	2.108	43	141902	67.421	ug/L	99
14) Carbon disulfide	2.236	76	309857	49.372	ug/L	100
15) Methyl Acetate	2.368	43	162356	60.296	ug/L	99
16) Methylene chloride	2.442	84	133247	55.549	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	112464	51.382	ug/L	95
18) Methyl tert-butyl Ether	2.699	73	450072	57.259	ug/L	100
19) 1,1-Dichloroethane	3.104	63	237984	55.504	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	132219	55.675	ug/L	99
22) 2-Butanone	3.860	43	199974	96.217	ug/L	100
23) Bromochloromethane	4.140	128	70205	57.170	ug/L	95
25) Chloroform	4.272	83	241466	54.334	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	199579	55.274	ug/L	100
29) Cyclohexane	4.577	56	185793	48.874	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	210567	50.808	ug/L	100
31) Carbon tetrachloride	4.731	117	180668	49.239	ug/L	100
33) Benzene	5.005	78	482497	53.785	ug/L	100
34) Trichloroethene	5.828	95	129484	50.778	ug/L	97
35) Methylcyclohexane	6.043	83	194059	50.058	ug/L	99
37) 1,2-Dichloropropane	6.088	63	130602	55.607	ug/L	99
38) Bromodichloromethane	6.429	83	181807	55.032	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	216867	56.991	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	403445	116.493	ug/L	99
42) Toluene	7.313	91	502861	52.964	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	204714	55.936	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	128762	56.820	ug/L	100
46) Tetrachloroethene	7.902	164	96039	50.642	ug/L	98
48) 2-Hexanone	8.069	43	307552	111.445	ug/L	100
49) Dibromochloromethane	8.172	129	132356	55.347	ug/L	95
50) 1,2-Dibromoethane	8.278	107	134596	55.972	ug/L	100
51) Chlorobenzene	8.812	112	327293	53.323	ug/L	99
52) Ethylbenzene	8.943	91	559026	52.548	ug/L	99
53) m,p-Xylene	9.069	106	209124	51.802	ug/L	99
54) o-Xylene	9.477	106	209596	53.021	ug/L	97
55) Styrene	9.493	104	364035	54.389	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	190971	56.107	ug/L	98
59) Bromoform	9.664	173	94004	54.928	ug/L	100
60) Isopropylbenzene	9.863	105	557216	51.040	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	165191	56.062	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	478496	51.959	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	484215	53.163	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	265421	52.583	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	264988	51.696	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	263951	52.185	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	47398	54.000	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	186939	49.367	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	169978	49.886	ug/L	99
71) Naphthalene	13.438	128	463266	50.828	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	168768	50.773	ug/L	99

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

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