

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031424\
 Data File : VW034634.D
 Acq On : 15 Mar 2024 04:12
 Operator : SY/MD
 Sample : P1751-07MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCKY0MS

Quant Time: Mar 15 06:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	301632	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	276982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	146740	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121682	46.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.080%
7) Chloroethane-d5	1.526	69	99138	48.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.340%
11) 1,1-Dichloroethene-d2	2.056	65	56036	47.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
21) 2-Butanone-d5	3.789	46	189971	108.639	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.640%
24) Chloroform-d	4.249	84	235443	50.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.860%
26) 1,2-Dichloroethane-d4	4.940	65	149261	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	4.960	84	430812	51.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
36) 1,2-Dichloropropane-d6	5.989	67	131092	51.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.780%
41) Toluene-d8	7.243	98	387314	51.199	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	7.551	79	61176	47.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.500%
47) 2-Hexanone-d5	8.024	63	134301	105.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	183593	54.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.380%
66) 1,2-Dichlorobenzene-d4	11.561	152	146970	49.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	149407	47.222	ug/L	99
3) Chloromethane	1.214	50	146261	47.046	ug/L	100
5) Vinyl chloride	1.281	62	145204	48.116	ug/L	99
6) Bromomethane	1.484	94	80561	44.493	ug/L	95
8) Chloroethane	1.545	64	88447	49.310	ug/L	100
9) Trichlorofluoromethane	1.709	101	218190	48.280	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	116147	47.685	ug/L	97
12) 1,1-Dichloroethene	2.066	96	107940	47.790	ug/L	89
13) Acetone	2.117	43	222388	105.791	ug/L	99
14) Carbon disulfide	2.240	76	314010	50.095	ug/L	99
15) Methyl Acetate	2.371	43	123883	46.064	ug/L	98
16) Methylene chloride	2.445	84	126586	52.837	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	110550	50.570	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	423615	53.960	ug/L	100
19) 1,1-Dichloroethane	3.111	63	234262	54.703	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	128049	53.986	ug/L	97
22) 2-Butanone	3.870	43	201152	96.902	ug/L	98
23) Bromochloromethane	4.143	128	66874	54.524	ug/L	93
25) Chloroform	4.275	83	236436	53.267	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	187703	52.049	ug/L	98
29) Cyclohexane	4.580	56	182942	50.214	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	206715	52.045	ug/L	100
31) Carbon tetrachloride	4.735	117	183490	52.179	ug/L	97
33) Benzene	5.008	78	460561	53.569	ug/L	100
34) Trichloroethene	5.831	95	120325	49.235	ug/L	97
35) Methylcyclohexane	6.050	83	184510	49.662	ug/L	98
37) 1,2-Dichloropropane	6.092	63	123818	55.008	ug/L	100
38) Bromodichloromethane	6.432	83	168307	53.158	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	182910	50.155	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	380838	114.741	ug/L	99
42) Toluene	7.313	91	485410	53.347	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	180851	51.561	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	121497	55.942	ug/L	100
46) Tetrachloroethene	7.905	164	90451	49.767	ug/L	98
48) 2-Hexanone	8.072	43	297605	112.524	ug/L	98
49) Dibromochloromethane	8.175	129	124788	54.448	ug/L	100
50) 1,2-Dibromoethane	8.281	107	127094	55.147	ug/L #	97
51) Chlorobenzene	8.812	112	307478	52.271	ug/L	100
52) Ethylbenzene	8.947	91	539539	52.919	ug/L	98
53) m,p-Xylene	9.072	106	200683	51.870	ug/L	99
54) o-Xylene	9.477	106	201772	53.258	ug/L	99
55) Styrene	9.493	104	346047	53.947	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	191965	58.849	ug/L	99
59) Bromoform	9.664	173	86152	52.954	ug/L	98
60) Isopropylbenzene	9.866	105	544261	52.443	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	156901	56.014	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	454101	51.871	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	451378	52.131	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	244855	51.028	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	246250	50.535	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	242033	50.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	46170	55.333	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	168839	46.903	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	152789	47.170	ug/L	99
71) Naphthalene	13.438	128	439229	50.694	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	159578	50.502	ug/L	100

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

