

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035098.D
 Acq On : 10 Apr 2024 10:52
 Operator : SY/MD
 Sample : P1979-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MS

Quant Time: Apr 11 06:56:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	249714	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247294	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	121059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	102216	42.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.760%
7) Chloroethane-d5	1.523	69	96597	46.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	2.056	65	46657	44.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.280%
21) 2-Butanone-d5	3.783	46	191375	133.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.800%#
24) Chloroform-d	4.246	84	220075	54.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.560%
26) 1,2-Dichloroethane-d4	4.937	65	143474	55.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.460%
32) Benzene-d6	4.957	84	405772	48.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
36) 1,2-Dichloropropane-d6	5.985	67	141133	53.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	7.239	98	349949	46.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	7.551	79	59731	46.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
47) 2-Hexanone-d5	8.021	63	117935	118.254	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.250%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	213574	58.796	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	135258	49.763	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62302	34.424	ug/L	99
3) Chloromethane	1.214	50	106998	45.987	ug/L	100
5) Vinyl chloride	1.281	62	100148	41.058	ug/L	99
6) Bromomethane	1.474	94	72983	39.916	ug/L	98
8) Chloroethane	1.542	64	71128	42.696	ug/L	96
9) Trichlorofluoromethane	1.709	101	120574	37.662	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	72639	37.070	ug/L	99
12) 1,1-Dichloroethene	2.066	96	72604	38.741	ug/L	99
13) Acetone	2.108	43	135778	103.402	ug/L	99
14) Carbon disulfide	2.236	76	176457	33.435	ug/L	100
15) Methyl Acetate	2.368	43	140848	68.066	ug/L	98
16) Methylene chloride	2.442	84	109644	53.994	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	75994	41.941	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	348718	54.793	ug/L	98
19) 1,1-Dichloroethane	3.108	63	191116	51.435	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	99715	48.464	ug/L	97
22) 2-Butanone	3.863	43	166241	109.102	ug/L	99
23) Bromochloromethane	4.146	128	55538	53.951	ug/L	96
25) Chloroform	4.272	83	190470	51.848	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	159683	54.595	ug/L	100
29) Cyclohexane	4.580	56	100556	32.466	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	136944	42.483	ug/L	99
31) Carbon tetrachloride	4.731	117	107488	39.342	ug/L	99
33) Benzene	5.008	78	360638	44.722	ug/L	100
34) Trichloroethene	5.831	95	84444	38.802	ug/L	99
35) Methylcyclohexane	6.047	83	105562	32.118	ug/L	97
37) 1,2-Dichloropropane	6.092	63	114234	51.261	ug/L	100
38) Bromodichloromethane	6.429	83	143156	49.788	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	154737	44.078	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	334626	117.609	ug/L	100
42) Toluene	7.313	91	341854	40.493	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	146127	45.308	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	112478	53.550	ug/L	99
46) Tetrachloroethene	7.902	164	56607	37.231	ug/L	100
48) 2-Hexanone	8.072	43	278865	115.238	ug/L	99
49) Dibromochloromethane	8.175	129	105637	50.779	ug/L	99
50) 1,2-Dibromoethane	8.281	107	115719	51.172	ug/L	97
51) Chlorobenzene	8.812	112	222526	40.669	ug/L	99
52) Ethylbenzene	8.944	91	346079	36.988	ug/L	99
53) m,p-Xylene	9.072	106	127428	36.982	ug/L	99
54) o-Xylene	9.477	106	131225	38.490	ug/L	97
55) Styrene	9.493	104	232311	40.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	192322	56.512	ug/L	99
59) Bromoform	9.664	173	77186	55.637	ug/L	99
60) Isopropylbenzene	9.866	105	336357	38.541	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	151768	57.854	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	210333	37.109	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	265643	37.907	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	165642	40.614	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	169482	40.864	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	179797	44.254	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	41032	56.775	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	114388	38.916	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	101062	37.430	ug/L	98
71) Naphthalene	13.439	128	296379	39.565	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	112508	42.273	ug/L	98

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

