

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034745.D
 Acq On : 19 Mar 2024 19:09
 Operator : SY/MD
 Sample : P1756-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCKT8MS

Quant Time: Mar 20 01:26:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343273	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172393	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	147044	49.413	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.820%
7) Chloroethane-d5	1.526	69	123718	53.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.720%
11) 1,1-Dichloroethene-d2	2.056	65	67393	50.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.160%
21) 2-Butanone-d5	3.783	46	209951	105.501	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.500%
24) Chloroform-d	4.249	84	288758	54.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.760%
26) 1,2-Dichloroethane-d4	4.937	65	190871	55.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.020%
32) Benzene-d6	4.957	84	545125	55.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.080%
36) 1,2-Dichloropropane-d6	5.986	67	165599	55.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.580%
41) Toluene-d8	7.243	98	500647	56.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.740%
43) trans-1,3-Dichloroprop...	7.551	79	84523	56.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.400%
47) 2-Hexanone-d5	8.021	63	136152	91.033	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.030%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	225920	57.318	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	191768	54.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	142391	39.546	ug/L	98
3) Chloromethane	1.214	50	135720	38.360	ug/L	100
5) Vinyl chloride	1.282	62	140244	40.835	ug/L	98
6) Bromomethane	1.484	94	90656	43.995	ug/L	100
8) Chloroethane	1.545	64	89216	43.705	ug/L	97
9) Trichlorofluoromethane	1.712	101	220708	42.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	121914	43.981	ug/L	97
12) 1,1-Dichloroethene	2.069	96	112399	43.728	ug/L	97
13) Acetone	2.114	43	188139	78.642	ug/L	99
14) Carbon disulfide	2.240	76	269908	37.836	ug/L	99
15) Methyl Acetate	2.372	43	141272	46.158	ug/L	95
16) Methylene chloride	2.446	84	132386	48.555	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	113659	45.685	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	457822	51.243	ug/L	99
19) 1,1-Dichloroethane	3.111	63	258885	53.120	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	137617	50.981	ug/L	97
22) 2-Butanone	3.867	43	198921	84.203	ug/L	99
23) Bromochloromethane	4.146	128	70833	50.746	ug/L	96
25) Chloroform	4.275	83	252241	49.935	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	206910	50.415	ug/L	97
29) Cyclohexane	4.580	56	181223	42.369	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	223223	47.870	ug/L	99
31) Carbon tetrachloride	4.735	117	191017	46.267	ug/L	99
33) Benzene	5.008	78	493431	48.884	ug/L	100
34) Trichloroethene	5.831	95	131583	45.860	ug/L	97
35) Methylcyclohexane	6.047	83	182787	41.905	ug/L	99
37) 1,2-Dichloropropane	6.092	63	134309	50.823	ug/L	99
38) Bromodichloromethane	6.429	83	189786	51.056	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	220481	51.494	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	401365	102.999	ug/L	97
42) Toluene	7.314	91	522888	48.947	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	209793	50.946	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	135371	53.090	ug/L	99
46) Tetrachloroethene	7.902	164	97411	45.651	ug/L	98
48) 2-Hexanone	8.072	43	309905	99.804	ug/L	98
49) Dibromochloromethane	8.175	129	140453	52.198	ug/L	98
50) 1,2-Dibromoethane	8.281	107	139735	51.644	ug/L	99
51) Chlorobenzene	8.812	112	344211	49.841	ug/L	100
52) Ethylbenzene	8.944	91	588578	49.171	ug/L	100
53) m,p-Xylene	9.072	106	221218	48.702	ug/L	99
54) o-Xylene	9.477	106	223904	50.339	ug/L	99
55) Styrene	9.493	104	383315	50.899	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	209752	54.769	ug/L	99
59) Bromoform	9.664	173	100577	52.621	ug/L	97
60) Isopropylbenzene	9.866	105	603220	49.475	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	170384	51.776	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	503386	48.944	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	508469	49.986	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	273535	48.522	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	275530	48.130	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	279576	49.493	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	49733	50.734	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	194722	46.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	174456	45.845	ug/L	100
71) Naphthalene	13.435	128	438239	43.053	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	175437	47.259	ug/L	98

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

