

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091423\
 Data File : VW032107.D
 Acq On : 14 Sep 2023 22:57
 Operator : SY/MD
 Sample : 04440-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX821MS

Quant Time: Sep 15 08:07:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 15 08:00:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	230009	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	229664	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	123383	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53297	37.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.060%		
7) Chloroethane-d5	1.529	69	49504	39.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.460%		
11) 1,1-Dichloroethene-d2	2.060	65	24102	35.758	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.520%		
21) 2-Butanone-d5	3.786	46	130315	115.104	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.100%		
24) Chloroform-d	4.253	84	139249	44.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.520%		
26) 1,2-Dichloroethane-d4	4.944	65	83976	40.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.440%		
32) Benzene-d6	4.963	84	256596	40.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.880%		
36) 1,2-Dichloropropane-d6	5.992	67	88765	44.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.020%		
41) Toluene-d8	7.246	98	228217	39.523	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.040%#		
43) trans-1,3-Dichloroprop...	7.555	79	41946	40.121	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.240%		
47) 2-Hexanone-d5	8.027	63	85682	138.592	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	138.590%#		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	140630	53.952	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.900%		
66) 1,2-Dichlorobenzene-d4	11.564	152	97875	43.515	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	58986	42.126	ug/L	97
3) Chloromethane	1.214	50	68114	47.704	ug/L	100
5) Vinyl chloride	1.282	62	71143	46.656	ug/L	99
6) Bromomethane	1.481	94	42532	47.373	ug/L	99
8) Chloroethane	1.545	64	48567	47.925	ug/L	98
9) Trichlorofluoromethane	1.712	101	104098	46.832	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	65651	48.917	ug/L	99
12) 1,1-Dichloroethene	2.069	96	56892	47.195	ug/L	83
13) Acetone	2.111	43	83639	83.002	ug/L	100
14) Carbon disulfide	2.240	76	123343	44.904	ug/L	99
15) Methyl Acetate	2.375	43	88296	49.131	ug/L	99
16) Methylene chloride	2.446	84	80232	51.793	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	64645	48.914	ug/L	94
18) Methyl tert-butyl Ether	2.706	73	276226	49.454	ug/L	98
19) 1,1-Dichloroethane	3.114	63	152260	51.408	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	86491	52.163	ug/L	95
22) 2-Butanone	3.870	43	137598	103.195	ug/L	96
23) Bromochloromethane	4.150	128	42582	52.934	ug/L	99
25) Chloroform	4.278	83	155542	50.510	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	116878	48.176	ug/L	98
29) Cyclohexane	4.584	56	109682	45.868	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	126700	47.296	ug/L	98
31) Carbon tetrachloride	4.738	117	103254	45.392	ug/L	98
33) Benzene	5.015	78	309949	50.228	ug/L	100
34) Trichloroethene	5.834	95	80851	42.841	ug/L	97
35) Methylcyclohexane	6.053	83	102928	41.003	ug/L	95
37) 1,2-Dichloropropane	6.095	63	93883	53.675	ug/L	100
38) Bromodichloromethane	6.436	83	123328	49.675	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	142741	46.939	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	302729	109.045	ug/L	99
42) Toluene	7.320	91	335973	49.495	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	129302	44.254	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	93490	52.906	ug/L	98
46) Tetrachloroethene	7.908	164	56724	47.868	ug/L	99
48) 2-Hexanone	8.079	43	227146	107.140	ug/L	99
49) Dibromochloromethane	8.178	129	91193	50.220	ug/L	99
50) 1,2-Dibromoethane	8.285	107	94788	51.213	ug/L	98
51) Chlorobenzene	8.818	112	225207	49.929	ug/L	99
52) Ethylbenzene	8.950	91	385112	47.895	ug/L	99
53) m,p-Xylene	9.076	106	139576	46.751	ug/L	98
54) o-Xylene	9.481	106	141831	47.765	ug/L	100
55) Styrene	9.500	104	254979	48.575	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.182	83	156801	62.682	ug/L	100
59) Bromoform	9.667	173	65817	51.441	ug/L	99
60) Isopropylbenzene	9.870	105	392298	47.471	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	119538	51.281	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	319476	45.951	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	321027	45.900	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	181532	49.015	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	187030	49.663	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	187188	51.005	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	32090	45.831	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	127992	47.405	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	123830	47.781	ug/L	98
71) Naphthalene	13.442	128	443009	53.503	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	128300	51.663	ug/L	98

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

