

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031559.D
 Acq On : 16 Jun 2023 03:20
 Operator : SY/MD
 Sample : 03254-09MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW5MS

Quant Time: Jun 16 06:20:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	251804	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	250973	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	149650	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	62496	37.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.536	69	59043	40.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.760%
11) 1,1-Dichloroethene-d2	2.066	65	31856	36.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.760%
21) 2-Butanone-d5	3.799	46	115624	85.207	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.210%
24) Chloroform-d	4.259	84	174701	41.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.260%
26) 1,2-Dichloroethane-d4	4.950	65	110497	42.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.160%
32) Benzene-d6	4.970	84	300904	42.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.180%
36) 1,2-Dichloropropane-d6	5.995	67	105261	42.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.080%
41) Toluene-d8	7.249	98	283183	43.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	7.558	79	50241	41.161	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.320%
47) 2-Hexanone-d5	8.031	63	84805	85.784	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.780%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	156418	41.388	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	120572	42.268	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	106671	39.938	ug/L	99
3) Chloromethane	1.217	50	106421	42.226	ug/L	97
5) Vinyl chloride	1.288	62	214258	85.759	ug/L	99
6) Bromomethane	1.491	94	68017	41.770	ug/L	100
8) Chloroethane	1.555	64	171396	106.217	ug/L	96
9) Trichlorofluoromethane	1.719	101	175540	42.233	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	89689	40.266	ug/L	98
12) 1,1-Dichloroethene	2.076	96	81564	43.777	ug/L	94
13) Acetone	2.124	43	75757	56.577	ug/L	97
14) Carbon disulfide	2.249	76	251209	44.573	ug/L	100
15) Methyl Acetate	2.381	43	79127	35.099	ug/L	97
16) Methylene chloride	2.455	84	98871	42.327	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	90467	46.516	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	298445	45.990	ug/L	98
19) 1,1-Dichloroethane	3.121	63	195657	46.613	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	168115	79.987	ug/L	97
22) 2-Butanone	3.880	43	126240	75.469	ug/L	99
23) Bromochloromethane	4.156	128	52635	46.329	ug/L	98
25) Chloroform	4.285	83	199323	45.680	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	164944	48.979	ug/L	98
29) Cyclohexane	4.593	56	139957	42.863	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	177576	44.131	ug/L	100
31) Carbon tetrachloride	4.744	117	158128	44.352	ug/L	99
33) Benzene	5.018	78	382850	45.818	ug/L	100
34) Trichloroethene	5.841	95	98409	44.074	ug/L	95
35) Methylcyclohexane	6.060	83	135602	41.217	ug/L	98
37) 1,2-Dichloropropane	6.098	63	111695	45.522	ug/L	99
38) Bromodichloromethane	6.439	83	148226	44.694	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	160181	43.979	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	266696	92.568	ug/L	99
42) Toluene	7.320	91	408724	47.177	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	158210	44.604	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	104327	45.010	ug/L	99
46) Tetrachloroethene	7.912	164	76439	43.619	ug/L	98
48) 2-Hexanone	8.082	43	205500	89.309	ug/L	95
49) Dibromochloromethane	8.182	129	116582	45.255	ug/L	99
50) 1,2-Dibromoethane	8.288	107	110440	44.748	ug/L	99
51) Chlorobenzene	8.818	112	254586	44.369	ug/L	97
52) Ethylbenzene	8.953	91	441742	45.695	ug/L	99
53) m,p-Xylene	9.079	106	164349	46.423	ug/L	97
54) o-Xylene	9.484	106	154939	46.119	ug/L	98
55) Styrene	9.500	104	291702	48.617	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	171453	45.272	ug/L	96
59) Bromoform	9.670	173	88700	47.816	ug/L #	97
60) Isopropylbenzene	9.873	105	436893	45.793	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	132416	44.799	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	356831	45.253	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	333140	45.343	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	213163	44.565	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	224261	43.999	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	215308	44.599	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	37098	42.287	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	153131	42.015	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	133097	41.662	ug/L	98
71) Naphthalene	13.445	128	337794	41.744	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	141439	42.604	ug/L	98

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

