

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031542.D
 Acq On : 15 Jun 2023 19:28
 Operator : SY/MD
 Sample : 03249-10MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MS

Quant Time: Jun 16 02:51:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237125	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	138377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	60923	38.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.200%
7) Chloroethane-d5	1.535	69	58731	42.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.300%
11) 1,1-Dichloroethene-d2	2.066	65	31872	39.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.380%
21) 2-Butanone-d5	3.799	46	124622	97.523	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.520%
24) Chloroform-d	4.259	84	172735	43.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.950	65	114111	46.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
32) Benzene-d6	4.969	84	297944	45.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	5.995	67	106530	45.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.860%
41) Toluene-d8	7.249	98	277780	45.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	7.558	79	53287	46.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
47) 2-Hexanone-d5	8.030	63	93733	101.248	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.250%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	160381	45.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.640%
66) 1,2-Dichlorobenzene-d4	11.567	152	118687	44.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	94461	37.556	ug/L	98
3) Chloromethane	1.217	50	104677	44.105	ug/L	98
5) Vinyl chloride	1.288	62	99682	42.369	ug/L	99
6) Bromomethane	1.494	94	64418	42.009	ug/L	100
8) Chloroethane	1.555	64	65120	42.854	ug/L	97
9) Trichlorofluoromethane	1.719	101	159995	40.876	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	81881	39.036	ug/L	97
12) 1,1-Dichloroethene	2.076	96	77932	44.417	ug/L	97
13) Acetone	2.127	43	82514	65.438	ug/L	98
14) Carbon disulfide	2.249	76	232571	43.821	ug/L	99
15) Methyl Acetate	2.381	43	89770	42.285	ug/L	100
16) Methylene chloride	2.455	84	98581	44.816	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	83038	45.340	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	302477	49.497	ug/L	99
19) 1,1-Dichloroethane	3.121	63	210138	53.162	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	108634	54.887	ug/L	93
22) 2-Butanone	3.883	43	132303	83.990	ug/L	98
23) Bromochloromethane	4.156	128	50930	47.604	ug/L	97
25) Chloroform	4.288	83	201748	49.098	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	154360	48.673	ug/L	99
29) Cyclohexane	4.593	56	123213	40.295	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	243459	64.609	ug/L	99
31) Carbon tetrachloride	4.748	117	145690	43.636	ug/L	99
33) Benzene	5.018	78	366371	46.821	ug/L	100
34) Trichloroethene	5.841	95	97818	46.782	ug/L	97
35) Methylcyclohexane	6.059	83	116555	37.832	ug/L	99
37) 1,2-Dichloropropane	6.101	63	107132	46.625	ug/L	99
38) Bromodichloromethane	6.439	83	145489	46.845	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	164100	48.112	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	276697	102.555	ug/L	99
42) Toluene	7.323	91	391453	48.250	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	160633	48.360	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	104244	48.026	ug/L	98
46) Tetrachloroethene	7.911	164	76465	46.594	ug/L	98
48) 2-Hexanone	8.082	43	214670	99.624	ug/L	98
49) Dibromochloromethane	8.181	129	116016	48.091	ug/L	98
50) 1,2-Dibromoethane	8.288	107	112415	48.639	ug/L	99
51) Chlorobenzene	8.821	112	244288	45.463	ug/L	98
52) Ethylbenzene	8.953	91	418515	46.230	ug/L	100
53) m,p-Xylene	9.079	106	154680	46.657	ug/L	97
54) o-Xylene	9.484	106	150361	47.793	ug/L	98
55) Styrene	9.500	104	279518	49.748	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	172759	48.712	ug/L	96
59) Bromoform	9.670	173	85962	50.115	ug/L #	96
60) Isopropylbenzene	9.873	105	401092	45.466	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	132587	48.511	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	335973	46.079	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	315689	46.468	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	200023	45.225	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	210200	44.600	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	206575	46.276	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	38829	47.866	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	139827	41.490	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	123944	41.958	ug/L	100
71) Naphthalene	13.445	128	343091	45.853	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	133495	43.487	ug/L	98

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

