

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028476.D
 Acq On : 09 Oct 2022 07:28
 Operator : SY/MD
 Sample : N4923-21MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007MSD

Quant Time: Oct 10 05:16:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 02:52:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/10/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	356249	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	339026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	180175	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	102364	37.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.480%
7) Chloroethane-d5	1.565	69	82191	37.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.420%
11) 1,1-Dichloroethene-d2	2.108	63	185108	39.567	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.140%
21) 2-Butanone-d5	3.905	46	223606	92.924	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.920%
24) Chloroform-d	4.343	84	231732	45.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
26) 1,2-Dichloroethane-d4	5.031	65	150056	46.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
32) Benzene-d6	5.047	84	460173	42.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.720%
36) 1,2-Dichloropropane-d6	6.066	67	138077	38.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.960%
41) Toluene-d8	7.313	98	419955	43.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.360%
43) trans-1,3-Dichloroprop...	7.616	79	70194	38.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.760%
47) 2-Hexanone-d5	8.085	63	189510	98.357	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.360%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	198466	40.947	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.900%
66) 1,2-Dichlorobenzene-d4	11.616	152	165496	44.329	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	127184	47.416	ug/L	99
3) Chloromethane	1.240	50	146443	48.497	ug/L	98
5) Vinyl chloride	1.311	62	137866	45.494	ug/L #	50
6) Bromomethane	1.520	94	66177	47.893	ug/L	99
8) Chloroethane	1.584	64	93162	50.644	ug/L	86
9) Trichlorofluoromethane	1.751	101	193870	51.766	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94735	44.633	ug/L	94
12) 1,1-Dichloroethene	2.114	96	98330	47.190	ug/L	93
13) Acetone	2.201	43	280887	150.687	ug/L	83
14) Carbon disulfide	2.291	76	334267	50.161	ug/L	99
15) Methyl Acetate	2.436	43	128846	40.939	ug/L	96
16) Methylene chloride	2.503	84	128360	47.403	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	120261	49.481	ug/L	92
18) Methyl tert-butyl Ether	2.764	73	441468	49.410	ug/L	97
19) 1,1-Dichloroethane	3.185	63	233274	46.984	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	140195	50.634	ug/L	96
22) 2-Butanone	3.986	43	303971	123.698	ug/L	96
23) Bromochloromethane	4.243	128	71263	52.961	ug/L	87
25) Chloroform	4.368	83	239156	49.341	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	183941m	49.530	ug/L	
29) Cyclohexane	4.674	56	209814	43.027	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	223580	51.049	ug/L	98
31) Carbon tetrachloride	4.822	117	191747	52.301	ug/L	98
33) Benzene	5.098	78	18240049	1635.834	ug/L	100
34) Trichloroethene	5.908	95	127830	46.213	ug/L	94
35) Methylcyclohexane	6.127	83	206901	43.024	ug/L	96
37) 1,2-Dichloropropane	6.169	63	132764	44.412	ug/L	99
38) Bromodichloromethane	6.503	83	188313	48.353	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	208704	43.886	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	529602	103.876	ug/L	98
42) Toluene	7.381	91	17236918m	1499.755	ug/L	
44) trans-1,3-Dichloropropene	7.645	75	200272	43.879	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	129269	46.687	ug/L	97
46) Tetrachloroethene	7.969	164	98921	49.770	ug/L	97
48) 2-Hexanone	8.137	43	429944	109.848	ug/L	98
49) Dibromochloromethane	8.239	129	145844	49.003	ug/L	99
50) 1,2-Dibromoethane	8.346	107	135449	47.245	ug/L #	100
51) Chlorobenzene	8.876	112	360633	50.013	ug/L	97
52) Ethylbenzene	9.005	91	2292776	183.030	ug/L	100
53) m,p-Xylene	9.133	106	3833826	807.452	ug/L	92
54) o-Xylene	9.538	106	1987082	417.969	ug/L	97
55) Styrene	9.555	104	4069740	498.480	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	219374	46.264	ug/L	99
59) Bromoform	9.725	173	108441	48.602	ug/L	99
60) Isopropylbenzene	9.924	105	680820	52.439	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	178125	46.438	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	1508012	134.109	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	2659450	238.273	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	278573	49.056	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	287551	50.748	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	281986	49.201	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	58112	49.508	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	203637	47.215	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	192755	50.705	ug/L	99
71) Naphthalene	13.490	128	29336300m	2481.099	ug/L	
72) 1,2,3-Trichlorobenzene	13.734	180	181454	48.958	ug/L #	95

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

