

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028475.D
 Acq On : 09 Oct 2022 07:04
 Operator : SY/MD
 Sample : N4923-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007MS

Quant Time: Oct 10 05:13:17 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 10/10/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	356217	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	330922	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	179704	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105781	38.485	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	76.980%	
7) Chloroethane-d5	1.568	69	87669	40.226	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	80.460%	
11) 1,1-Dichloroethene-d2	2.105	63	197028	42.119	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	84.240%	
21) 2-Butanone-d5	3.905	46	241486	100.363	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	100.360%	
24) Chloroform-d	4.342	84	242704	48.146	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.300%	
26) 1,2-Dichloroethane-d4	5.031	65	159716	49.127	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.260%	
32) Benzene-d6	5.047	84	487577	45.981	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.960%	
36) 1,2-Dichloropropane-d6	6.066	67	145111	41.972	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	83.940%	
41) Toluene-d8	7.310	98	438281	46.165	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	92.340%	
43) trans-1,3-Dichloroprop...	7.616	79	73800	41.879	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	83.760%	
47) 2-Hexanone-d5	8.085	63	199080	105.854	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	105.850%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	205386	43.413	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	86.820%	
66) 1,2-Dichlorobenzene-d4	11.615	152	168859	45.348	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	137374	51.220	ug/L	100
3) Chloromethane	1.240	50	140652	46.583	ug/L	100
5) Vinyl chloride	1.310	62	137934	45.521	ug/L	# 69
6) Bromomethane	1.519	94	62549	45.271	ug/L	99
8) Chloroethane	1.584	64	95737	52.048	ug/L	88
9) Trichlorofluoromethane	1.751	101	196256	52.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	95188	44.850	ug/L	95
12) 1,1-Dichloroethene	2.114	96	100917	48.436	ug/L	93
13) Acetone	2.207	43	295414	158.495	ug/L	72
14) Carbon disulfide	2.291	76	356658	53.525	ug/L	100
15) Methyl Acetate	2.439	43	142417	45.255	ug/L	96
16) Methylene chloride	2.503	84	137481	50.776	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	125871	51.794	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	469666	52.571	ug/L	98
19) 1,1-Dichloroethane	3.185	63	249293	50.215	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	145714	52.632	ug/L	97
22) 2-Butanone	3.986	43	325649	132.532	ug/L	98
23) Bromochloromethane	4.243	128	73060	54.301	ug/L	92
25) Chloroform	4.368	83	250971	51.783	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	188178m	50.675	ug/L	
29) Cyclohexane	4.674	56	221839	46.607	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	229131	53.598	ug/L	99
31) Carbon tetrachloride	4.822	117	196824	55.000	ug/L	96
33) Benzene	5.098	78	18222138	1674.248	ug/L	100
34) Trichloroethene	5.908	95	130521	48.342	ug/L	97
35) Methylcyclohexane	6.127	83	213652	45.516	ug/L	96
37) 1,2-Dichloropropane	6.169	63	136055	46.628	ug/L	99
38) Bromodichloromethane	6.503	83	192672	50.683	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	215960	46.523	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	549970	110.513	ug/L	99
42) Toluene	7.384	91	16963837m	1512.141	ug/L	
44) trans-1,3-Dichloropropene	7.645	75	205941	46.226	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	127347	47.119	ug/L	98
46) Tetrachloroethene	7.969	164	98163	50.599	ug/L	96
48) 2-Hexanone	8.136	43	436233	114.184	ug/L	99
49) Dibromochloromethane	8.239	129	145209	49.985	ug/L	100
50) 1,2-Dibromoethane	8.345	107	138367	49.445	ug/L	99
51) Chlorobenzene	8.876	112	361120	51.306	ug/L	97
52) Ethylbenzene	9.005	91	2246706	183.745	ug/L	100
53) m,p-Xylene	9.133	106	3687536	795.661	ug/L	93
54) o-Xylene	9.538	106	1926958	415.248	ug/L	96
55) Styrene	9.554	104	3955169	496.311	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	217807	47.058	ug/L	98
59) Bromoform	9.725	173	108032	48.546	ug/L	100
60) Isopropylbenzene	9.924	105	671651	51.868	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	176663	46.178	ug/L	96
62) 1,3,5-Trimethylbenzene	10.532	105	1483775	132.300	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	2575688	231.374	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	276559	48.829	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	286177	50.638	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	283629	49.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	58554	50.015	ug/L	95
69) 1,3,5-Trichlorobenzene	12.638	180	208388	48.443	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	196526	51.832	ug/L	99
71) Naphthalene	13.490	128	28975080m	2456.972	ug/L	
72) 1,2,3-Trichlorobenzene	13.734	180	186690	50.503	ug/L	97

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

