

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032024\
 Data File : VW034772.D
 Acq On : 20 Mar 2024 18:55
 Operator : SY/MD
 Sample : P1755-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL13MS

Quant Time: Mar 21 02:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
 Supervised By :Semsettin Yesilyurt 03/22/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	344589	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170331	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	131450	44.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.000%		
7) Chloroethane-d5	1.532	69	108094	46.447	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.900%		
11) 1,1-Dichloroethene-d2	2.060	65	52725	39.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.060%		
21) 2-Butanone-d5	3.789	46	199810	100.021	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.020%		
24) Chloroform-d	4.249	84	255169	48.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.620%		
26) 1,2-Dichloroethane-d4	4.941	65	167879	48.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.280%		
32) Benzene-d6	4.960	84	477661	48.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.420%		
36) 1,2-Dichloropropane-d6	5.989	67	145439	48.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.200%		
41) Toluene-d8	7.243	98	436921	49.238	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.480%		
43) trans-1,3-Dichloroprop...	7.551	79	71081	47.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.600%		
47) 2-Hexanone-d5	8.024	63	125339	83.877	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.880%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	202166	51.336	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.680%		
66) 1,2-Dichlorobenzene-d4	11.558	152	169405	48.657	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	147706	40.865	ug/L	99
3) Chloromethane	1.214	50	138784	39.076	ug/L	97
5) Vinyl chloride	1.282	62	144248	41.840	ug/L	98
6) Bromomethane	1.487	94	86714	41.921	ug/L	98
8) Chloroethane	1.548	64	90921	44.370	ug/L	99
9) Trichlorofluoromethane	1.712	101	227847	44.132	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	109476	39.343	ug/L	99
12) 1,1-Dichloroethene	2.069	96	200379m	77.658	ug/L	
13) Acetone	2.121	43	788541	328.350	ug/L	99
14) Carbon disulfide	2.240	76	277277	38.720	ug/L	100
15) Methyl Acetate	2.372	43	161471	52.556	ug/L #	87
16) Methylene chloride	2.445	84	137620	50.281	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	117975	47.239	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	476798	53.163	ug/L	99
19) 1,1-Dichloroethane	3.111	63	293024	59.895	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	172447	63.641	ug/L	93
22) 2-Butanone	3.873	43	216514	91.300	ug/L	95
23) Bromochloromethane	4.146	128	71835	51.268	ug/L	96
25) Chloroform	4.275	83	258269	50.933	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	204416	49.617	ug/L	98
29) Cyclohexane	4.580	56	182458	42.695	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	242595	52.070	ug/L	100
31) Carbon tetrachloride	4.735	117	198040	48.011	ug/L	98
33) Benzene	5.008	78	497275	49.309	ug/L	100
34) Trichloroethene	5.831	95	151580	52.876	ug/L	98
35) Methylcyclohexane	6.050	83	187155	42.944	ug/L	99
37) 1,2-Dichloropropane	6.092	63	135864	51.457	ug/L	99
38) Bromodichloromethane	6.432	83	188464	50.745	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	200841	46.949	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	422193	108.440	ug/L	98
42) Toluene	7.313	91	526519	49.330	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	197457	47.993	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	137663	54.037	ug/L	98
46) Tetrachloroethene	7.905	164	97181	45.583	ug/L	97
48) 2-Hexanone	8.072	43	338876	109.231	ug/L	98
49) Dibromochloromethane	8.175	129	141917	52.789	ug/L	97
50) 1,2-Dibromoethane	8.281	107	140052	51.807	ug/L	97
51) Chlorobenzene	8.812	112	342291	49.606	ug/L	99
52) Ethylbenzene	8.944	91	594514	49.711	ug/L	100
53) m,p-Xylene	9.072	106	220226	48.526	ug/L	98
54) o-Xylene	9.477	106	223200	50.225	ug/L	99
55) Styrene	9.493	104	387387	51.485	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	213903	55.902	ug/L	96
59) Bromoform	9.664	173	100731	53.340	ug/L	100
60) Isopropylbenzene	9.866	105	611340	50.748	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	177319	54.536	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	505918	49.786	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	507742	50.519	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	278666	50.031	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	288816	51.061	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	295064	52.867	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	53158	54.884	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	192434	46.054	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	171762	45.684	ug/L	98
71) Naphthalene	13.439	128	440876	43.837	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	177181	48.307	ug/L	100

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

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