

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101322\
 Data File : VW028544.D
 Acq On : 13 Oct 2022 18:03
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050362

Quant Time: Oct 14 04:51:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 14 04:49:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	238745	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	221701	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	125941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89429	48.545	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.100%		
7) Chloroethane-d5	1.564	69	72381	49.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.100%		
11) 1,1-Dichloroethene-d2	2.105	63	171855	54.814	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	109.620%		
21) 2-Butanone-d5	3.896	46	147034	91.176	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.180%		
24) Chloroform-d	4.342	84	192651	57.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.040%		
26) 1,2-Dichloroethane-d4	5.027	65	135812	62.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	124.660%		
32) Benzene-d6	5.043	84	367300	51.703	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.400%		
36) 1,2-Dichloropropane-d6	6.066	67	105540	45.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.140%		
41) Toluene-d8	7.310	98	341225	53.649	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.300%		
43) trans-1,3-Dichloroprop...	7.616	79	62940	53.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.620%		
47) 2-Hexanone-d5	8.085	63	118004	93.656	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.660%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	146229	46.136	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.280%		
66) 1,2-Dichlorobenzene-d4	11.615	152	136351	52.250	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	107591	59.853	ug/L	100
3) Chloromethane	1.236	50	86192	42.592	ug/L	100
5) Vinyl chloride	1.307	62	92926	45.757	ug/L	99
6) Bromomethane	1.519	94	48431	52.300	ug/L	96
8) Chloroethane	1.584	64	56818	46.088	ug/L	96
9) Trichlorofluoromethane	1.751	101	168165	67.003	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78452	55.153	ug/L	93
12) 1,1-Dichloroethene	2.114	96	76648	54.888	ug/L	98
13) Acetone	2.191	43	143412m	114.802	ug/L	
14) Carbon disulfide	2.288	76	209221	46.848	ug/L	99
15) Methyl Acetate	2.436	43	87508	41.489	ug/L	90
16) Methylene chloride	2.503	84	105167	57.953	ug/L	94
17) trans-1,2-Dichloroethene	2.754	96	82996	50.955	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	337049	56.290	ug/L	95
19) 1,1-Dichloroethane	3.185	63	166101	49.920	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	99828	53.800	ug/L	95
22) 2-Butanone	3.979	43	143828	87.336	ug/L	94
23) Bromochloromethane	4.243	128	51009	56.566	ug/L	83
25) Chloroform	4.368	83	183169	56.389	ug/L	99

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27) 1,2-Dichloroethane	5.127	62	157484	63.277	ug/L	96
29) Cyclohexane	4.670	56	139458	43.733	ug/L	88
30) 1,1,1-Trichloroethane	4.603	97	176813	61.736	ug/L	98
31) Carbon tetrachloride	4.822	117	150794	62.897	ug/L	99
33) Benzene	5.095	78	369345	50.654	ug/L	100
34) Trichloroethene	5.908	95	94214	52.085	ug/L	95
35) Methylcyclohexane	6.127	83	151365	48.133	ug/L	96
37) 1,2-Dichloropropane	6.169	63	91542	46.828	ug/L	98
38) Bromodichloromethane	6.506	83	135761	53.306	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	154558	49.699	ug/L	95
40) 4-Methyl-2-pentanone	7.223	43	312517	93.736	ug/L	98
42) Toluene	7.381	91	399683	53.179	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	161669	54.166	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	93088	51.412	ug/L	96
46) Tetrachloroethene	7.969	164	75395	58.008	ug/L	96
48) 2-Hexanone	8.137	43	242504	94.747	ug/L	98
49) Dibromochloromethane	8.239	129	105928	54.427	ug/L	97
50) 1,2-Dibromoethane	8.345	107	93323	49.778	ug/L #	97
51) Chlorobenzene	8.876	112	256373	54.369	ug/L	95
52) Ethylbenzene	9.005	91	441215	53.861	ug/L	98
53) m,p-Xylene	9.130	106	167942	54.089	ug/L	99
54) o-Xylene	9.535	106	169603	54.554	ug/L	100
55) Styrene	9.551	104	294379	55.138	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	142702	46.021	ug/L	96
59) Bromoform	9.725	173	78268	50.185	ug/L	98
60) Isopropylbenzene	9.924	105	461196	50.820	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	120638	44.995	ug/L	95
62) 1,3,5-Trimethylbenzene	10.532	105	404053	51.407	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	399359	51.189	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	209510	52.782	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	203668	51.422	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	212517	53.048	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	38562	46.999	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	162638	53.948	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	142052	53.459	ug/L	97
71) Naphthalene	13.490	128	426525	51.607	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	145106	56.011	ug/L	98

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

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