

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028399.D
 Acq On : 07 Oct 2022 11:28
 Operator : SY/MD
 Sample : VSTD10067
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100267

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 23:22:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	483074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	435128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	229161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	367730	91.430	ug/L	0.00
7) Chloroethane-d5	1.564	69	294006	91.016	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	633168	88.537	ug/L	0.00
21) 2-Butanone-d5	3.895	46	707148	255.038	ug/L	0.00
24) Chloroform-d	4.339	84	693828	89.322	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	448337	98.485	ug/L	0.00
32) Benzene-d6	5.043	84	1421078	106.923	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	466122	107.723	ug/L	0.00
41) Toluene-d8	7.310	98	1272600	109.875	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	240780	126.719	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	516067	263.994	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	624882	97.771	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	476553	108.031	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	350547	73.578	ug/L	100
3) Chloromethane	1.240	50	401892	87.446	ug/L	100
5) Vinyl chloride	1.307	62	408350	84.888	ug/L	99
6) Bromomethane	1.519	94	189109	67.897	ug/L	100
8) Chloroethane	1.584	64	247619	87.069	ug/L	100
9) Trichlorofluoromethane	1.751	101	499265	76.300	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	282507	74.231	ug/L	99
12) 1,1-Dichloroethene	2.114	96	282547	78.945	ug/L	96
13) Acetone	2.207	43	483892m	242.738	ug/L	
14) Carbon disulfide	2.288	76	903923	86.846	ug/L	100
15) Methyl Acetate	2.436	43	464078	111.181	ug/L	97
16) Methylene chloride	2.500	84	362396	78.900	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	326799	85.311	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	1212797	108.344	ug/L	100
19) 1,1-Dichloroethane	3.182	63	662606	92.220	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	375321	91.848	ug/L	99
22) 2-Butanone	3.979	43	709760	264.015	ug/L	98
23) Bromochloromethane	4.239	128	185395	81.150	ug/L	99
25) Chloroform	4.368	83	647622	85.640	ug/L	98
27) 1,2-Dichloroethane	5.124	62	511214	94.386	ug/L	100
29) Cyclohexane	4.670	56	616248	126.033	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	569377	98.713	ug/L	99
31) Carbon tetrachloride	4.821	117	474876	95.062	ug/L	99
33) Benzene	5.092	78	1432195	102.364	ug/L	100
34) Trichloroethene	5.908	95	352416	97.760	ug/L	96
35) Methylcyclohexane	6.127	83	611101	111.720	ug/L	99
37) 1,2-Dichloropropane	6.169	63	392186	106.384	ug/L	100
38) Bromodichloromethane	6.503	83	511509	102.727	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	622006	116.918	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1294073	274.358	ug/L	99
42) Toluene	7.381	91	1477013	104.154	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	610929	118.509	ug/L	99

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45) 1,1,2-Trichloroethane	7.831	97	354939	93.052	ug/L	99
46) Tetrachloroethene	7.969	164	258501	93.544	ug/L	99
48) 2-Hexanone	8.133	43	996908	276.604	ug/L	99
49) Dibromochloromethane	8.239	129	387114	96.177	ug/L	98
50) 1,2-Dibromoethane	8.345	107	368382	93.998	ug/L	99
51) Chlorobenzene	8.873	112	926281	94.001	ug/L	99
52) Ethylbenzene	9.005	91	1631079	108.948	ug/L	100
53) m,p-Xylene	9.130	106	613236	106.184	ug/L	100
54) o-Xylene	9.535	106	611646	108.260	ug/L	98
55) Styrene	9.551	104	1070434	109.407	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	599040	96.470	ug/L	100
59) Bromoform	9.722	173	283675	107.372	ug/L	100
60) Isopropylbenzene	9.924	105	1619023	115.012	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	467224	99.885	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	1409813	121.150	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	1403343	121.136	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	723862	103.702	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	720454	97.930	ug/L	98
67) 1,2-Dichlorobenzene	11.631	146	725668	101.444	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	150887	117.130	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	563320	111.441	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	514305	118.392	ug/L	99
71) Naphthalene	13.490	128	1634656	122.162	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	496198	112.792	ug/L	99

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

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