

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080822\
 Data File : VW027239.D
 Acq On : 08 Aug 2022 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050332

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2022
 Supervised By :Semsettin Yesilyurt 08/09/2022

Quant Time: Aug 09 02:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	364250	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	360216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	204536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	82287	33.135	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	66.280%		
7) Chloroethane-d5	1.555	69	72118	39.724	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	79.440%		
11) 1,1-Dichloroethene-d2	2.102	63	172088	37.884	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	75.760%		
21) 2-Butanone-d5	3.864	46	205055	92.764	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery =	92.760%		
24) Chloroform-d	4.339	84	213501	41.971	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	83.940%		
26) 1,2-Dichloroethane-d4	5.021	65	137318	43.478	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	86.960%		
32) Benzene-d6	5.040	84	346055	40.061	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	80.120%		
36) 1,2-Dichloropropane-d6	6.063	67	129365	42.101	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery =	84.200%		
41) Toluene-d8	7.310	98	295071	40.075	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	80.140%		
43) trans-1,3-Dichloroprop...	7.616	79	59699	44.573	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	89.140%		
47) 2-Hexanone-d5	8.082	63	138096	93.310	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery =	93.310%		
56) 1,1,2,2-Tetrachloroeth...	10.211	84	237398	47.409	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery =	94.820%		
66) 1,2-Dichlorobenzene-d4	11.622	152	152051	43.048	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	86.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	164853	50.875	ug/L	99
3) Chloromethane	1.237	50	177211	47.872	ug/L	99
5) Vinyl chloride	1.307	62	173635	47.085	ug/L	99
6) Bromomethane	1.507	94	101271	58.254	ug/L	99
8) Chloroethane	1.574	64	103930	50.589	ug/L	96
9) Trichlorofluoromethane	1.745	101	233683	49.387	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	135707	51.723	ug/L	99
12) 1,1-Dichloroethene	2.111	96	119371m	47.296	ug/L	
13) Acetone	2.153	43	192595	112.993	ug/L	89
14) Carbon disulfide	2.285	76	410750	47.818	ug/L	100
15) Methyl Acetate	2.420	43	176010m	45.401	ug/L	
16) Methylene chloride	2.497	84	160545	47.621	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	138300	49.517	ug/L	92
18) Methyl tert-butyl Ether	2.761	73	416208	50.105	ug/L #	94
19) 1,1-Dichloroethane	3.179	63	274525	48.963	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	146546	50.509	ug/L	86
22) 2-Butanone	3.947	43	249410	106.731	ug/L	93
23) Bromochloromethane	4.236	128	80834	49.891	ug/L	88
25) Chloroform	4.362	83	292038	51.540	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	224751	50.929	ug/L	95
29) Cyclohexane	4.667	56	225756	54.418	ug/L	93
30) 1,1,1-Trichloroethane	4.597	97	250474	52.461	ug/L	97
31) Carbon tetrachloride	4.818	117	220048	53.085	ug/L	99
33) Benzene	5.089	78	608364	52.555	ug/L	100
34) Trichloroethene	5.905	95	146861	49.549	ug/L	98
35) Methylcyclohexane	6.124	83	242144	55.559	ug/L	91
37) 1,2-Dichloropropane	6.166	63	166939	51.477	ug/L	99
38) Bromodichloromethane	6.500	83	213635	50.277	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	223990	52.144	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	469199	101.419	ug/L #	91
42) Toluene	7.381	91	639439	54.330	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	227124	53.803	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	157114	50.267	ug/L	97
46) Tetrachloroethene	7.969	164	115857	53.406	ug/L	98
48) 2-Hexanone	8.133	43	387037	105.042	ug/L #	91
49) Dibromochloromethane	8.240	129	171626	51.945	ug/L	97
50) 1,2-Dibromoethane	8.346	107	161221	50.129	ug/L	100
51) Chlorobenzene	8.876	112	404202	51.202	ug/L	96
52) Ethylbenzene	9.008	91	652988	53.768	ug/L	100
53) m,p-Xylene	9.137	106	258191	56.254	ug/L	98
54) o-Xylene	9.542	106	245579	54.921	ug/L	97
55) Styrene	9.558	104	457741	58.111	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	261313	49.905	ug/L	99
59) Bromoform	9.728	173	115258	47.429	ug/L	99
60) Isopropylbenzene	9.928	105	651660	50.556	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	206409	43.957	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	550934	51.756	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	557856	53.496	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	315845	50.558	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	328530	49.969	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	320907	49.026	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	55926	42.453	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	216661	51.636	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	174489	50.069	ug/L	98
71) Naphthalene	13.500	128	557930	46.755	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	201915	52.272	ug/L	99

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

