

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027208.D
 Acq On : 04 Aug 2022 12:33
 Operator : SY/MD
 Sample : VSTD10055
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100255

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 02:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	372638	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	364187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	197336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	249230	98.100	ug/L	0.00
7) Chloroethane-d5	1.555	69	174939	94.190	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	451152	97.083	ug/L	0.00
21) 2-Butanone-d5	3.870	46	494434	218.120	ug/L	0.00
24) Chloroform-d	4.342	84	507229	97.468	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	320924	99.324	ug/L	0.00
32) Benzene-d6	5.043	84	899608	103.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	315541	101.570	ug/L	0.00
41) Toluene-d8	7.313	98	801102	107.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	146023	107.837	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	361560	241.640	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	509452	100.629	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	336913	98.865	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	310571	93.688	ug/L	99
3) Chloromethane	1.236	50	359884	95.031	ug/L	99
5) Vinyl chloride	1.307	62	363665	96.397	ug/L	100
6) Bromomethane	1.513	94	163097	91.707	ug/L	100
8) Chloroethane	1.574	64	205760	97.899	ug/L	99
9) Trichlorofluoromethane	1.744	101	463975	95.851	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	247709	92.286	ug/L	98
12) 1,1-Dichloroethene	2.111	96	247482	95.848	ug/L	88
13) Acetone	2.162	43	330288	189.413	ug/L	88
14) Carbon disulfide	2.285	76	865761	98.519	ug/L	99
15) Methyl Acetate	2.426	43	395837	98.270	ug/L	# 83
16) Methylene chloride	2.500	84	322962	93.640	ug/L	85
17) trans-1,2-Dichloroethene	2.754	96	282138	98.743	ug/L	90
18) Methyl tert-butyl Ether	2.764	73	900238m	105.952	ug/L	
19) 1,1-Dichloroethane	3.182	63	556655	97.047	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	313004	105.452	ug/L	87
22) 2-Butanone	3.953	43	546234	228.490	ug/L	98
23) Bromochloromethane	4.239	128	167280	100.922	ug/L	85
25) Chloroform	4.368	83	561006	96.780	ug/L	99
27) 1,2-Dichloroethane	5.124	62	459345	101.746	ug/L	95
29) Cyclohexane	4.670	56	472366	112.622	ug/L	89
30) 1,1,1-Trichloroethane	4.603	97	487702	101.034	ug/L	96
31) Carbon tetrachloride	4.821	117	415167	99.064	ug/L	99
33) Benzene	5.092	78	1224833	104.657	ug/L	100
34) Trichloroethene	5.908	95	300946	100.428	ug/L	95
35) Methylcyclohexane	6.127	83	477657	108.402	ug/L	94
37) 1,2-Dichloropropane	6.169	63	334908	102.147	ug/L	98
38) Bromodichloromethane	6.506	83	426232	99.217	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	483049	111.225	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1058236	226.247	ug/L	# 92
42) Toluene	7.384	91	1289308	108.353	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	469238	109.945	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	312922	99.025	ug/L	97
46) Tetrachloroethene	7.972	164	217346	99.096	ug/L	97
48) 2-Hexanone	8.136	43	842079	226.048	ug/L #	90
49) Dibromochloromethane	8.243	129	341615	102.268	ug/L	100
50) 1,2-Dibromoethane	8.349	107	336058	103.353	ug/L	100
51) Chlorobenzene	8.879	112	805816	100.962	ug/L	96
52) Ethylbenzene	9.011	91	1358805	110.667	ug/L	99
53) m,p-Xylene	9.136	106	526388	113.437	ug/L	95
54) o-Xylene	9.541	106	514387	113.782	ug/L	97
55) Styrene	9.558	104	923691	115.986	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	530459	100.202	ug/L	99
59) Bromoform	9.728	173	230736	98.413	ug/L	99
60) Isopropylbenzene	9.931	105	1322181	106.318	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	427333	94.326	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1141532	111.151	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1140284	113.339	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	605654	100.485	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	618720	97.541	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	627751	99.402	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	125352	98.625	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	417374	103.100	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	364937	108.538	ug/L	99
71) Naphthalene	13.500	128	1405179	122.051	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	406366	109.040	ug/L	99

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

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