

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015170.D
 Acq On : 26 Mar 2020 14:20
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20066

Manual Integrations
 APPROVED

apatel
 3/27/2020 4:17:32 PM

Quant Time: Mar 26 14:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 14:33:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	722340	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	711113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	346509	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	759095	194.86	ug/L	0.00
7) Chloroethane-d5	1.58	69	748722	189.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1792194	203.51	ug/L	0.00
21) 2-Butanone-d5	3.93	46	1575259	410.33	ug/L	0.00
24) Chloroform-d	4.38	84	1693406	199.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	1095370	194.23	ug/L	0.00
32) Benzene-d6	5.07	84	2905133	198.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	1030783	194.24	ug/L	0.00
41) Toluene-d8	7.34	98	2640114	198.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	588537	206.04	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	1246264	404.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1758828	195.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1279179	197.16	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1178865	181.546	ug/L	100
3) Chloromethane	1.25	50	1264162	178.761	ug/L	99
5) Vinyl chloride	1.32	62	1335625	185.680	ug/L	99
6) Bromomethane	1.53	94	870954	188.075	ug/L	97
8) Chloroethane	1.60	64	842750	177.738	ug/L	98
9) Trichlorofluoromethane	1.76	101	2385464	204.891	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1146872	192.339	ug/L	99
12) 1,1-Dichloroethene	2.13	96	1136666	193.924	ug/L	91
13) Acetone	2.22	43	914699m	330.891	ug/L	
14) Carbon disulfide	2.30	76	2875753	190.700	ug/L	100
15) Methyl Acetate	2.46	43	1023937	181.986	ug/L	99
16) Methylene chloride	2.52	84	1035805	188.226	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	956308	186.289	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	3201548	184.760	ug/L	99
19) 1,1-Dichloroethane	3.21	63	1753238	184.578	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	1080166	189.514	ug/L	# 97
22) 2-Butanone	4.01	43	1496174	346.879	ug/L	97
23) Bromochloromethane	4.27	128	537439	196.227	ug/L	98
25) Chloroform	4.40	83	1824576	186.893	ug/L	99
27) 1,2-Dichloroethane	5.16	62	1429810	184.236	ug/L	99
29) Cyclohexane	4.70	56	1631394	184.548	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	1701154	186.323	ug/L	100
31) Carbon tetrachloride	4.85	117	1446045	188.920	ug/L	99
33) Benzene	5.13	78	4008456	186.849	ug/L	100
34) Trichloroethene	5.94	95	1065264	191.519	ug/L	99
35) Methylcyclohexane	6.15	83	1721048	184.965	ug/L	99
37) 1,2-Dichloropropane	6.20	63	1011123	183.766	ug/L	100
38) Bromodichloromethane	6.53	83	1450753	186.579	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	1769471	194.497	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	3024420	363.810	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	4479373	187.231	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1738158	195.977	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	1017666	190.171	ug/L	99
46) Tetrachloroethene	8.00	164	755917	204.973	ug/L	98
48) 2-Hexanone	8.16	43	2401335	366.252	ug/L	97
49) Dibromochloromethane	8.27	129	1173207	201.197	ug/L	96
50) 1,2-Dibromoethane	8.37	107	1120090	192.805	ug/L	99
51) Chlorobenzene	8.90	112	2893862	189.878	ug/L	100
52) Ethylbenzene	9.04	91	5102995	189.813	ug/L	100
53) m,p-Xylene	9.16	106	1980643	193.910	ug/L	99
54) o-xylene	9.57	106	1945918	188.671	ug/L	97
55) Styrene	9.58	104	3358035	193.351	ug/L	100
56) Isopropylbenzene	9.95	105	5062490	191.792	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	1682619	185.696	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	1346462	184.312	ug/L	100
61) Bromoform	9.75	173	809123	203.360	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	2217247	188.686	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	2217850	186.403	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	2206637	184.413	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	466477	173.528	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	1496478	201.624	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	1428841	201.879	ug/L	99
69) Naphthalene	13.53	128	5491240	191.789	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1444828	204.379	ug/L	99

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

