

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015138.D
 Acq On : 25 Mar 2020 12:34
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Manual Integrations
 APPROVED

anatel

3/26/2020 2:13:03 PM

Quant Time: Mar 25 13:33:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:17:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	771128	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	751124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	366277	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1218150	191.70	ug/L	0.00
7) Chloroethane-d5	1.58	69	1078294	169.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	2453563	203.75	ug/L	0.00
21) 2-Butanone-d5	3.93	46	1651519	338.23	ug/L	0.00
24) Chloroform-d	4.38	84	2022294	174.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	1270242	163.10	ug/L	0.00
32) Benzene-d6	5.08	84	4030624	175.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	1270912	164.22	ug/L	0.00
41) Toluene-d8	7.34	98	3880863	187.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	719815	171.85	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	1305142	324.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1873977	161.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1501724	178.29	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1178185	268.783	ug/L	99
3) Chloromethane	1.25	50	1233188	168.408	ug/L	100
5) Vinyl chloride	1.32	62	1298676	199.032	ug/L	99
6) Bromomethane	1.53	94	817816	174.331	ug/L	97
8) Chloroethane	1.60	64	805081	148.662	ug/L	97
9) Trichlorofluoromethane	1.76	101	2099595	258.513	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1083537	270.181	ug/L	100
12) 1,1-Dichloroethene	2.13	96	1046662	215.725	ug/L	96
13) Acetone	2.22	43	929265m	322.574	ug/L	
14) Carbon disulfide	2.31	76	2761359	211.287	ug/L	100
15) Methyl Acetate	2.46	43	1004135	154.333	ug/L	98
16) Methylene chloride	2.52	84	1009155	167.104	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	926620	195.577	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	3085872	160.856	ug/L	99
19) 1,1-Dichloroethane	3.21	63	1693551	175.401	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	1040464	180.948	ug/L	# 98
22) 2-Butanone	4.01	43	1451465	341.607	ug/L	100
23) Bromochloromethane	4.28	128	528184	168.460	ug/L	94
25) Chloroform	4.40	83	1744754	174.270	ug/L	99
27) 1,2-Dichloroethane	5.16	62	1352431	169.966	ug/L	98
29) Cyclohexane	4.70	56	1593037	258.141	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	1628887	203.926	ug/L	99
31) Carbon tetrachloride	4.86	117	1411507	222.139	ug/L	99
33) Benzene	5.13	78	3893242	181.809	ug/L	100
34) Trichloroethene	5.94	95	1030677	205.120	ug/L	99
35) Methylcyclohexane	6.15	83	1711527	274.561	ug/L	99
37) 1,2-Dichloropropane	6.20	63	1000917	171.192	ug/L	100
38) Bromodichloromethane	6.53	83	1402217	167.546	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	1742175	184.456	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	2974371	303.678	ug/L	99

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42) Toluene	7.41	91	4311864	197.474	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1687017	178.089	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	974354	160.158	ug/L	100
46) Tetrachloroethene	8.00	164	753482	232.645	ug/L	99
48) 2-Hexanone	8.16	43	2358781	327.817	ug/L	99
49) Dibromochloromethane	8.27	129	1138695	166.750	ug/L	100
50) 1,2-Dibromoethane	8.37	107	1067821	163.113	ug/L	99
51) Chlorobenzene	8.90	112	2784773	193.366	ug/L	99
52) Ethylbenzene	9.03	91	4883255	217.610	ug/L	100
53) m,p-Xylene	9.16	106	1908368	220.106	ug/L	98
54) o-xylene	9.57	106	1868378	204.801	ug/L	97
55) Styrene	9.58	104	3252496	202.740	ug/L	100
56) Isopropylbenzene	9.95	105	4873168	230.467	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	1635985	162.296	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	1294295	158.943	ug/L	99
61) Bromoform	9.75	173	802820	152.807	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	2168570	196.872	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	2175812	194.329	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	2168223	181.242	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	448964	146.757	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	1494687	214.306	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	1444016	204.870	ug/L	99
69) Naphthalene	13.52	128	5280259	168.522	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1429003	193.895	ug/L	99

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

