

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015130.D
 Acq On : 25 Mar 2020 05:47
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: Mar 25 06:53:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 06:43:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	535021	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	486205	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	209426	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	919927	187.23	ug/L	0.00
7) Chloroethane-d5	1.58	69	922034	213.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1737496	208.37	ug/L	0.00
21) 2-Butanone-d5	3.93	46	1626744	483.47	ug/L	0.00
24) Chloroform-d	4.38	84	1746282	226.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	1184471	237.31	ug/L	0.00
32) Benzene-d6	5.08	84	3284492	217.23	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	1115110	223.22	ug/L	0.00
41) Toluene-d8	7.34	98	2773611	201.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	602229	229.39	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	1261359	491.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1710700	240.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1003159	209.94	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	590891	153.491	ug/L	99
3) Chloromethane	1.25	50	1113214	203.978	ug/L	98
5) Vinyl chloride	1.32	62	976166	192.604	ug/L	99
6) Bromomethane	1.53	94	731491	228.232	ug/L	98
8) Chloroethane	1.60	64	727073	183.125	ug/L	98
9) Trichlorofluoromethane	1.76	101	1189484	191.033	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	562057	180.064	ug/L	98
12) 1,1-Dichloroethene	2.13	96	718002	205.291	ug/L	95
13) Acetone	2.22	43	903676	346.455	ug/L	97
14) Carbon disulfide	2.31	76	1883512	210.132	ug/L	100
15) Methyl Acetate	2.46	43	1031484	223.929	ug/L	100
16) Methylene chloride	2.52	84	936319	221.151	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	708305	204.203	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	3080988	227.224	ug/L	100
19) 1,1-Dichloroethane	3.21	63	1472582	207.965	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	899758	218.215	ug/L	# 98
22) 2-Butanone	4.02	43	1500042	417.243	ug/L	# 71
23) Bromochloromethane	4.28	128	489663	233.757	ug/L	97
25) Chloroform	4.40	83	1530814	215.172	ug/L	100
27) 1,2-Dichloroethane	5.16	62	1260141	220.135	ug/L	100
29) Cyclohexane	4.70	56	827127	161.175	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	1147945	200.522	ug/L	99
31) Carbon tetrachloride	4.85	117	885361	186.950	ug/L	98
33) Benzene	5.13	78	3126290	209.163	ug/L	100
34) Trichloroethene	5.94	95	710710	200.203	ug/L	98
35) Methylcyclohexane	6.15	83	829760	167.002	ug/L	100
37) 1,2-Dichloropropane	6.20	63	870737	215.297	ug/L	99
38) Bromodichloromethane	6.53	83	1242374	221.728	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	1435256	218.603	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	3011155	445.209	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	3017293	193.372	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1422979	230.494	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	909519	230.548	ug/L	98
46) Tetrachloroethene	8.00	164	431729	180.782	ug/L	96
48) 2-Hexanone	8.16	43	2370950	456.733	ug/L	98
49) Dibromochloromethane	8.27	129	1025458	228.105	ug/L	98
50) 1,2-Dibromoethane	8.37	107	987728	228.495	ug/L	100
51) Chlorobenzene	8.90	112	1942627	193.604	ug/L	100
52) Ethylbenzene	9.03	91	3020049	181.040	ug/L	100
53) m,p-Xylene	9.16	106	1163610	183.483	ug/L	99
54) o-xylene	9.57	106	1236279	187.092	ug/L	99
55) Styrene	9.58	104	2218388	193.775	ug/L	99
56) Isopropylbenzene	9.95	105	2819521	176.172	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	1525138	226.311	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	1225640	224.589	ug/L	100
61) Bromoform	9.75	173	733437	243.069	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1344327	194.374	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1347274	192.852	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1440747	198.021	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	421093	244.894	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	868002	187.243	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	881445	198.268	ug/L	99
69) Naphthalene	13.52	128	4164287	372.682	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	937176	202.867	ug/L	98

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

