

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014938.D
 Acq On : 16 Mar 2020 11:17
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:12:03 PM

Quant Time: Mar 18 01:49:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 16 17:11:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	397915	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	403438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	228281	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	513574	190.89	ug/L	0.00
7) Chloroethane-d5	1.58	69	374270	177.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	769197	174.87	ug/L	0.00
21) 2-Butanone-d5	3.92	46	764116	402.19	ug/L	0.00
24) Chloroform-d	4.38	84	1082499	208.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	682572	196.64	ug/L	0.00
32) Benzene-d6	5.08	84	2147980	200.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	638773	183.46	ug/L	0.00
41) Toluene-d8	7.34	98	2137943	203.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	370244	213.00	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	655567	422.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	956514	197.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	969817	210.07	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	686053	176.208	ug/L	100
3) Chloromethane	1.25	50	483479	145.836	ug/L	98
5) Vinyl chloride	1.32	62	485347	156.540	ug/L	98
6) Bromomethane	1.53	94	318079	164.656	ug/L	99
8) Chloroethane	1.60	64	255500	153.993	ug/L	98
9) Trichlorofluoromethane	1.76	101	771615	180.023	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	375527	171.349	ug/L	99
12) 1,1-Dichloroethene	2.13	96	351070	166.295	ug/L	90
13) Acetone	2.20	43	520471m	332.192	ug/L	
14) Carbon disulfide	2.31	76	1216940	174.469	ug/L	100
15) Methyl Acetate	2.45	43	461930	157.423	ug/L	99
16) Methylene chloride	2.52	84	526454	179.235	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	498523	186.456	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	1641262	188.297	ug/L	99
19) 1,1-Dichloroethane	3.21	63	893738	174.089	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	575135	191.570	ug/L	94
22) 2-Butanone	4.01	43	698617	327.363	ug/L	92
23) Bromochloromethane	4.27	128	303724	196.673	ug/L	98
25) Chloroform	4.40	83	971753	181.312	ug/L	99
27) 1,2-Dichloroethane	5.16	62	745310	178.755	ug/L	98
29) Cyclohexane	4.70	56	797018	167.396	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	896006	189.538	ug/L	100
31) Carbon tetrachloride	4.86	117	812249	200.275	ug/L	99
33) Benzene	5.13	78	2045220	176.529	ug/L	100
34) Trichloroethene	5.94	95	553767	182.284	ug/L	99
35) Methylcyclohexane	6.15	83	905211	180.867	ug/L	99
37) 1,2-Dichloropropane	6.20	63	513141	167.673	ug/L	99
38) Bromodichloromethane	6.53	83	759937	189.511	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	937450	190.445	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1452503	328.593	ug/L	99

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42) Toluene	7.41	91	2343146	182.527	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	853879	192.691	ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	546420	187.365	ug/L	99
46) Tetrachloroethene	8.00	164	517217	201.832	ug/L	99
48) 2-Hexanone	8.17	43	1162591	334.774	ug/L	99
49) Dibromochloromethane	8.27	129	665514	208.737	ug/L	96
50) 1,2-Dibromoethane	8.38	107	608967	193.326	ug/L	98
51) Chlorobenzene	8.90	112	1616128	193.415	ug/L	99
52) Ethylbenzene	9.03	91	2746543	189.495	ug/L	99
53) m,p-Xylene	9.16	106	1079236	197.100	ug/L	99
54) o-xylene	9.57	106	1062323	197.546	ug/L	100
55) Styrene	9.58	104	1825195	198.611	ug/L	100
56) Isopropylbenzene	9.95	105	2821102	195.577	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	910977	183.012	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	721456	180.745	ug/L	98
61) Bromoform	9.75	173	512832	205.792	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1439480	193.878	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1434560	192.753	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	1413177	190.377	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	229511	186.893	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	1175981	203.010	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	1094997	207.754	ug/L	99
69) Naphthalene	13.52	128	1558676	201.075	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	1081997	204.970	ug/L	99

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

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