

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015168.D
 Acq On : 26 Mar 2020 13:32
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Manual Integrations
 APPROVED

apatel
 3/27/2020 4:17:24 PM

Quant Time: Mar 26 14:27:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 14:13:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	661350	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	656100	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	309719	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	174235	33.74	ug/L	0.00
7) Chloroethane-d5	1.58	69	177251	37.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	392223	37.62	ug/L	0.00
21) 2-Butanone-d5	3.93	46	361454	98.96	ug/L	0.00
24) Chloroform-d	4.38	84	391472	43.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	252697	43.34	ug/L	0.00
32) Benzene-d6	5.08	84	662093	36.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	237040	40.70	ug/L	0.00
41) Toluene-d8	7.34	98	608174	35.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	132735	41.49	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	280107	93.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	410379	46.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	284992	42.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	281386	52.744 ug/L	100
3) Chloromethane	1.25	50	305499	53.547 ug/L	100
5) Vinyl chloride	1.32	62	311793	53.892 ug/L	100
6) Bromomethane	1.53	94	199837	53.803 ug/L	100
8) Chloroethane	1.60	64	202127	49.501 ug/L	100
9) Trichlorofluoromethane	1.76	101	547202	58.469 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	253784	52.578 ug/L	100
12) 1,1-Dichloroethene	2.13	96	251754	53.754 ug/L	100
13) Acetone	2.21	43	217267m	106.734 ug/L	
14) Carbon disulfide	2.31	76	652085	52.807 ug/L	100
15) Methyl Acetate	2.46	43	239957	53.767 ug/L	100
16) Methylene chloride	2.52	84	239900	53.627 ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	221179	53.759 ug/L	100
18) Methyl tert-butyl Ether	2.79	73	752857	54.313 ug/L	100
19) 1,1-Dichloroethane	3.21	63	410431	54.487 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	243853	53.732 ug/L	100
22) 2-Butanone	4.02	43	348138	106.988 ug/L	100
23) Bromochloromethane	4.28	128	119176	52.594 ug/L	100
25) Chloroform	4.41	83	428048	54.412 ug/L	100
27) 1,2-Dichloroethane	5.16	62	338316	55.045 ug/L	100
29) Cyclohexane	4.70	56	385135	53.274 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	399253	53.590 ug/L	100
31) Carbon tetrachloride	4.86	117	334192	52.276 ug/L	100
33) Benzene	5.13	78	933603	53.111 ug/L	100
34) Trichloroethene	5.94	95	244670	52.320 ug/L	100
35) Methylcyclohexane	6.15	83	410036	52.220 ug/L	100
37) 1,2-Dichloropropane	6.20	63	238125	53.530 ug/L	100
38) Bromodichloromethane	6.53	83	333733	52.599 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	409137	53.146 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	725220	107.285 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1051094	53.668	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	396225	53.362	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	232751	53.264	ug/L	100
46) Tetrachloroethene	8.00	164	168447	51.005	ug/L	100
48) 2-Hexanone	8.16	43	570109	110.590	ug/L	100
49) Dibromochloromethane	8.27	129	259155	52.287	ug/L	100
50) 1,2-Dibromoethane	8.37	107	259323	53.679	ug/L	100
51) Chlorobenzene	8.90	112	671715	52.955	ug/L	100
52) Ethylbenzene	9.03	91	1194858	54.148	ug/L	100
53) m,p-Xylene	9.16	106	461477	53.163	ug/L	100
54) o-xylene	9.57	106	454643	53.872	ug/L	100
55) Styrene	9.58	104	780113	54.100	ug/L	100
56) Isopropylbenzene	9.95	105	1192630	54.048	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	393908	53.246	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	322440	54.002	ug/L	100
61) Bromoform	9.75	173	171858	51.584	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	501491	52.865	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	500920	52.028	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	505301	52.971	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	109247	52.208	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	320127	50.581	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	303737	50.897	ug/L	100
69) Naphthalene	13.53	128	1230055	53.386	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	311579	52.351	ug/L	100

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

