

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014937.D
 Acq On : 16 Mar 2020 10:54
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:11:45 PM

Quant Time: Mar 18 01:48:12 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	364373	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	366638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	203067	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	248859	101.01	ug/L	0.00
7) Chloroethane-d5	1.58	69	185272	96.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	379754	94.28	ug/L	0.00
21) 2-Butanone-d5	3.92	46	322779	185.53	ug/L	0.00
24) Chloroform-d	4.38	84	523678	109.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	327551	103.05	ug/L	0.00
32) Benzene-d6	5.08	84	1034969	106.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	304075	96.10	ug/L	0.00
41) Toluene-d8	7.34	98	1038753	108.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	173467	109.81	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	302744	214.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	454506	103.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	454228	110.60	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	333030	93.410	ug/L	99
3) Chloromethane	1.25	50	238735	78.641	ug/L	100
5) Vinyl chloride	1.32	62	236372	83.256	ug/L	98
6) Bromomethane	1.53	94	152474	86.195	ug/L	100
8) Chloroethane	1.60	64	126920	83.538	ug/L	98
9) Trichlorofluoromethane	1.77	101	371284	94.597	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	177027	88.211	ug/L	99
12) 1,1-Dichloroethene	2.13	96	170260	88.073	ug/L	96
13) Acetone	2.20	43	268691m	187.280	ug/L	
14) Carbon disulfide	2.31	76	569508	89.165	ug/L	99
15) Methyl Acetate	2.45	43	195679	72.825	ug/L	98
16) Methylene chloride	2.52	84	254784	94.728	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	237599	97.046	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	777833	97.453	ug/L	99
19) 1,1-Dichloroethane	3.21	63	431100	91.703	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	275621	100.257	ug/L	100
22) 2-Butanone	4.01	43	341487	174.747	ug/L	95
23) Bromochloromethane	4.28	128	141490	100.054	ug/L	98
25) Chloroform	4.41	83	471354	96.042	ug/L	98
27) 1,2-Dichloroethane	5.16	62	353460	92.578	ug/L	99
29) Cyclohexane	4.70	56	378910	87.569	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	428150	99.660	ug/L	100
31) Carbon tetrachloride	4.86	117	388200	105.325	ug/L	98
33) Benzene	5.13	78	979193	93.000	ug/L	100
34) Trichloroethene	5.94	95	261535	94.731	ug/L	98
35) Methylcyclohexane	6.16	83	427553	94.002	ug/L	99
37) 1,2-Dichloropropane	6.20	63	245694	88.341	ug/L	99
38) Bromodichloromethane	6.53	83	357188	98.015	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	429965	96.116	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	693520	172.639	ug/L	100

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42) Toluene	7.41	91	1121250	96.110	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	392355	97.428	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	258238	97.437	ug/L	99
46) Tetrachloroethene	8.00	164	244331	104.914	ug/L	99
48) 2-Hexanone	8.17	43	554376	175.658	ug/L	99
49) Dibromochloromethane	8.27	129	304187	104.984	ug/L	97
50) 1,2-Dibromoethane	8.37	107	285567	99.757	ug/L	100
51) Chlorobenzene	8.90	112	763301	100.519	ug/L	100
52) Ethylbenzene	9.03	91	1298248	98.562	ug/L	99
53) m,p-Xylene	9.16	106	508843	102.257	ug/L	99
54) o-xylene	9.57	106	503120	102.949	ug/L	100
55) Styrene	9.58	104	863614	103.408	ug/L	99
56) Isopropylbenzene	9.95	105	1335462	101.875	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	428523	94.730	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	339518	93.596	ug/L	99
61) Bromoform	9.75	173	231843	104.587	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	659803	99.900	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	671647	101.450	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	659907	99.938	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	104180	95.369	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	541461	105.078	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	495038	105.586	ug/L	99
69) Naphthalene	13.52	128	690069	100.075	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	493859	105.172	ug/L	99

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

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