

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070820\
 Data File : VV017388.D
 Acq On : 08 Jul 2020 10:48
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Jul 09 01:17:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 01:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310083	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82800	40.36	ug/L	0.00
7) Chloroethane-d5	1.58	69	56659	45.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	189243	51.62	ug/L	0.00
21) 2-Butanone-d5	3.90	46	115666	77.25	ug/L	0.00
24) Chloroform-d	4.38	84	191456	44.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	134720	45.98	ug/L	0.00
32) Benzene-d6	5.08	84	340739	41.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	96584	38.59	ug/L	0.00
41) Toluene-d8	7.34	98	331109	43.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	57488	42.85	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	82791	76.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135619	40.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	141055	43.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	164800	63.059 ug/L	100
3) Chloromethane	1.25	50	113321	50.445 ug/L	100
5) Vinyl chloride	1.32	62	116274	52.658 ug/L	100
6) Bromomethane	1.53	94	55192	56.895 ug/L	100
8) Chloroethane	1.60	64	59103	54.016 ug/L	100
9) Trichlorofluoromethane	1.76	101	219862	62.728 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102505	59.577 ug/L	100
12) 1,1-Dichloroethene	2.13	96	91198	57.493 ug/L	100
13) Acetone	2.18	43	144430	125.512 ug/L	100
14) Carbon disulfide	2.31	76	280695	50.508 ug/L	100
15) Methyl Acetate	2.44	43	99906	43.587 ug/L	100
16) Methylene chloride	2.52	84	104394	47.081 ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	101016	48.601 ug/L	100
18) Methyl tert-butyl Ether	2.78	73	336604	49.045 ug/L	100
19) 1,1-Dichloroethane	3.21	63	183669	47.440 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	108873	48.329 ug/L	100
22) 2-Butanone	3.98	43	156504	97.108 ug/L	100
23) Bromochloromethane	4.27	128	60183	50.167 ug/L	100
25) Chloroform	4.41	83	209050	51.563 ug/L	100
27) 1,2-Dichloroethane	5.15	62	184132	53.621 ug/L	100
29) Cyclohexane	4.70	56	157204	43.798 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	206244	53.348 ug/L	100
31) Carbon tetrachloride	4.86	117	188476	55.799 ug/L	100
33) Benzene	5.13	78	398581	46.123 ug/L	100
34) Trichloroethene	5.94	95	114127	48.452 ug/L	100
35) Methylcyclohexane	6.15	83	174233	47.394 ug/L	100
37) 1,2-Dichloropropane	6.20	63	97151	43.769 ug/L	100
38) Bromodichloromethane	6.53	83	156385	51.136 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	170308	48.437 ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	271887	87.330 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	448601	48.719	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	176473	51.199	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	102380	46.957	ug/L	100
46) Tetrachloroethene	8.00	164	96135	51.217	ug/L	100
48) 2-Hexanone	8.16	43	223518	91.321	ug/L	100
49) Dibromochloromethane	8.27	129	131000	54.471	ug/L	100
50) 1,2-Dibromoethane	8.37	107	112106	48.723	ug/L	100
51) Chlorobenzene	8.90	112	294467	48.705	ug/L	100
52) Ethylbenzene	9.03	91	510754	49.946	ug/L	100
53) m,p-Xylene	9.16	106	195373	51.175	ug/L	100
54) o-xylene	9.56	106	188048	49.984	ug/L	100
55) Styrene	9.58	104	327634	51.371	ug/L	100
56) Isopropylbenzene	9.95	105	519336	51.183	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	153331	46.188	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	131224	46.818	ug/L	100
61) Bromoform	9.75	173	97405	57.491	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	251947	49.785	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	249388	48.609	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	248854	49.325	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	42256	52.649	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	191801	50.460	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	171049	49.531	ug/L	100
69) Naphthalene	13.52	128	506485	51.255	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	178174	52.195	ug/L	100

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

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