

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018163.D
 Acq On : 09 Sep 2020 10:59
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Sep 10 02:09:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 02:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	302936	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295354	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126946	53.80	ug/L	0.00
7) Chloroethane-d5	1.58	69	103900	53.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	233157	52.08	ug/L	0.00
21) 2-Butanone-d5	3.91	46	160173	105.71	ug/L	0.00
24) Chloroform-d	4.38	84	219212	51.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	140015	51.12	ug/L	0.00
32) Benzene-d6	5.08	84	439300	53.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	137926	51.87	ug/L	0.00
41) Toluene-d8	7.34	98	407283	54.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	71000	57.58	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	112695	126.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176224	51.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	167412	52.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	116580	49.587	ug/L 100
3) Chloromethane	1.25	50	126221	47.002	ug/L 100
5) Vinyl chloride	1.32	62	127748	47.905	ug/L 100
6) Bromomethane	1.53	94	78609	48.921	ug/L 100
8) Chloroethane	1.60	64	80914	47.531	ug/L 100
9) Trichlorofluoromethane	1.77	101	178787	47.043	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	107979	50.111	ug/L 100
12) 1,1-Dichloroethene	2.14	96	103540	50.709	ug/L 100
13) Acetone	2.20	43	127020	85.104	ug/L 100
14) Carbon disulfide	2.31	76	318313	55.381	ug/L 100
15) Methyl Acetate	2.45	43	113012	45.918	ug/L 100
16) Methylene chloride	2.53	84	113659	44.701	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	107098	50.993	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	331350	48.546	ug/L 100
19) 1,1-Dichloroethane	3.21	63	202967	48.657	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	114190	49.936	ug/L 100
22) 2-Butanone	4.00	43	159691	94.540	ug/L 100
23) Bromochloromethane	4.28	128	60904	50.812	ug/L 100
25) Chloroform	4.40	83	206270	48.490	ug/L 100
27) 1,2-Dichloroethane	5.16	62	161755	48.091	ug/L 100
29) Cyclohexane	4.71	56	185094	51.838	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	181214	50.272	ug/L 100
31) Carbon tetrachloride	4.86	117	159886	52.561	ug/L 100
33) Benzene	5.13	78	449207	49.672	ug/L 100
34) Trichloroethene	5.94	95	118891	49.385	ug/L 100
35) Methylcyclohexane	6.16	83	187524	51.881	ug/L 100
37) 1,2-Dichloropropane	6.20	63	118506	48.317	ug/L 100
38) Bromodichloromethane	6.53	83	154298	50.223	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	185555	52.674	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	298711	94.749	ug/L 100

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42) Toluene	7.41	91	481501	50.790	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	181368	54.058	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	110423	48.484	ug/L	100
46) Tetrachloroethene	8.00	164	96113	53.476	ug/L	100
48) 2-Hexanone	8.16	43	238291	94.184	ug/L	100
49) Dibromochloromethane	8.27	129	122597	53.854	ug/L	100
50) 1,2-Dibromoethane	8.37	107	116488	49.223	ug/L	100
51) Chlorobenzene	8.90	112	306042	49.981	ug/L	100
52) Ethylbenzene	9.03	91	529809	51.172	ug/L	100
53) m,p-Xylene	9.16	106	199121	52.175	ug/L	100
54) o-xylene	9.56	106	193026	51.231	ug/L	100
55) Styrene	9.58	104	337237	52.382	ug/L	100
56) Isopropylbenzene	9.95	105	520385	52.186	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	163575	46.635	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	139511	46.475	ug/L	100
61) Bromoform	9.75	173	92337	59.015	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	253840	49.991	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	259123	49.657	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	253805	48.839	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	36376	48.655	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	201582	51.798	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	183960	53.776	ug/L	100
69) Naphthalene	13.52	128	492349	53.444	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	184466	53.346	ug/L	100

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

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