

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018510.D
 Acq On : 29 Sep 2020 12:15
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Sep 30 01:18:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367466	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	202203	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108013	36.07	ug/L	0.00
7) Chloroethane-d5	1.58	69	88291	36.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	219956	40.04	ug/L	0.00
21) 2-Butanone-d5	3.92	46	168440	91.89	ug/L	0.00
24) Chloroform-d	4.38	84	235104	45.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	148558	44.60	ug/L	0.00
32) Benzene-d6	5.08	84	463019	45.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	139982	43.21	ug/L	0.00
41) Toluene-d8	7.34	98	439055	47.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	76492	46.47	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	114100	92.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188481	46.36	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	192959	46.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	126640	47.262	ug/L 100
3) Chloromethane	1.25	50	135453	46.295	ug/L 100
5) Vinyl chloride	1.32	62	141953	47.312	ug/L 100
6) Bromomethane	1.53	94	96471	52.605	ug/L 100
8) Chloroethane	1.60	64	86790	46.177	ug/L 100
9) Trichlorofluoromethane	1.77	101	217941	52.794	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	119292	48.108	ug/L 100
12) 1,1-Dichloroethene	2.13	96	114283	47.366	ug/L 100
13) Acetone	2.20	43	139016	94.712	ug/L 100
14) Carbon disulfide	2.31	76	375954	50.922	ug/L 100
15) Methyl Acetate	2.45	43	137392	52.086	ug/L 100
16) Methylene chloride	2.52	84	138773	51.285	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	134472	54.080	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	409104	53.187	ug/L 100
19) 1,1-Dichloroethane	3.21	63	236086	50.217	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	145763	54.838	ug/L 100
22) 2-Butanone	4.00	43	199790	114.950	ug/L 100
23) Bromochloromethane	4.28	128	78685	56.579	ug/L 100
25) Chloroform	4.41	83	248406	51.980	ug/L 100
27) 1,2-Dichloroethane	5.15	62	196897	53.221	ug/L 100
29) Cyclohexane	4.70	56	213385	51.887	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	227569	55.060	ug/L 100
31) Carbon tetrachloride	4.86	117	203779	56.071	ug/L 100
33) Benzene	5.13	78	538042	52.840	ug/L 100
34) Trichloroethene	5.94	95	153111	55.199	ug/L 100
35) Methylcyclohexane	6.15	83	211510	50.644	ug/L 100
37) 1,2-Dichloropropane	6.20	63	137977	51.136	ug/L 100
38) Bromodichloromethane	6.53	83	185912	52.947	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	223834	53.841	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	372100	113.674	ug/L 100

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42) Toluene	7.41	91	590635	54.811	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	219983	54.346	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	135815	54.306	ug/L	100
46) Tetrachloroethene	8.00	164	125986	57.928	ug/L	100
48) 2-Hexanone	8.16	43	290246	112.469	ug/L	100
49) Dibromochloromethane	8.27	129	158020	56.290	ug/L	100
50) 1,2-Dibromoethane	8.37	107	148422	56.389	ug/L	100
51) Chlorobenzene	8.90	112	396658	56.680	ug/L	100
52) Ethylbenzene	9.03	91	660280	56.125	ug/L	100
53) m,p-Xylene	9.16	106	254754	58.015	ug/L	100
54) o-xylene	9.56	106	244523	57.801	ug/L	100
55) Styrene	9.58	104	432265	58.788	ug/L	100
56) Isopropylbenzene	9.95	105	655870	57.526	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	198615	53.688	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	170201	53.630	ug/L	100
61) Bromoform	9.75	173	119967	55.227	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	333371	55.445	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	339398	54.917	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	324494	53.393	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	46827	54.601	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	233247	49.207	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	222990	52.828	ug/L	100
69) Naphthalene	13.52	128	667414	62.488	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	223303	53.712	ug/L	100

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

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