

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018509.D
 Acq On : 29 Sep 2020 11:53
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01066

Quant Time: Sep 30 01:18:06 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	370084	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	197405	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20708	6.87	ug/L	0.00
7) Chloroethane-d5	1.58	69	16782	6.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	42483	7.68	ug/L	0.00
21) 2-Butanone-d5	3.93	46	27653	14.98	ug/L	0.00
24) Chloroform-d	4.38	84	43731	8.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	27571	8.22	ug/L	0.00
32) Benzene-d6	5.07	84	84649	8.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	25167	7.75	ug/L	0.00
41) Toluene-d8	7.34	98	78433	8.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	12816	7.77	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	15103	12.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32483	7.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	36413	8.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25273	9.365	ug/L 100
3) Chloromethane	1.25	50	27354	9.283	ug/L 98
5) Vinyl chloride	1.32	62	28659	9.484	ug/L 99
6) Bromomethane	1.53	94	18784	10.170	ug/L 100
8) Chloroethane	1.60	64	17943	9.479	ug/L 99
9) Trichlorofluoromethane	1.76	101	44352	10.668	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	24845	9.949	ug/L 98
12) 1,1-Dichloroethene	2.13	96	23631	9.725	ug/L 95
13) Acetone	2.20	43	26566	17.971	ug/L 100
14) Carbon disulfide	2.31	76	72773	9.787	ug/L 100
15) Methyl Acetate	2.45	43	25573	9.626	ug/L 100
16) Methylene chloride	2.52	84	27086	9.939	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	26572	10.611	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	78010	10.070	ug/L 99
19) 1,1-Dichloroethane	3.21	63	44551	9.409	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	26755	9.994	ug/L 92
22) 2-Butanone	4.01	43	25247	14.423	ug/L 95
23) Bromochloromethane	4.28	128	15393	10.990	ug/L 96
25) Chloroform	4.40	83	46686	9.700	ug/L 99
27) 1,2-Dichloroethane	5.16	62	35725	9.588	ug/L 99
29) Cyclohexane	4.70	56	39137	9.497	ug/L 99
30) 1,1,1-Trichloroethane	4.63	97	42884	10.354	ug/L 100
31) Carbon tetrachloride	4.85	117	37970	10.426	ug/L 99
33) Benzene	5.13	78	103143	10.109	ug/L 100
34) Trichloroethene	5.94	95	31502	11.334	ug/L 97
35) Methylcyclohexane	6.15	83	39419	9.419	ug/L 100
37) 1,2-Dichloropropane	6.20	63	26110	9.657	ug/L 99
38) Bromodichloromethane	6.53	83	34903	9.920	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	39205	9.411	ug/L 94
40) 4-Methyl-2-pentanone	7.25	43	64473	19.656	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	110815	10.263	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	37631	9.278	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	25871	10.323	ug/L	97
46) Tetrachloroethene	8.00	164	24632	11.303	ug/L	98
48) 2-Hexanone	8.16	43	49095	18.985	ug/L	97
49) Dibromochloromethane	8.27	129	28332	10.072	ug/L	96
50) 1,2-Dibromoethane	8.37	107	27545	10.444	ug/L	98
51) Chlorobenzene	8.90	112	75875	10.820	ug/L	97
52) Ethylbenzene	9.03	91	120365	10.210	ug/L	100
53) m,p-Xylene	9.16	106	46815	10.639	ug/L	94
54) o-xylene	9.56	106	44188	10.424	ug/L	97
55) Styrene	9.58	104	75456	10.241	ug/L	99
56) Isopropylbenzene	9.95	105	120388	10.538	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	35182	9.491	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	31444	9.888	ug/L	100
61) Bromoform	9.75	173	20995	9.900	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	62663	10.675	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	66277	10.985	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	62020	10.453	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	7216	8.619	ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	42567	9.198	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	38126	9.252	ug/L	97
69) Naphthalene	13.53	128	97631	9.363	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	38454	9.474	ug/L	100

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

