

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018508.D
 Acq On : 29 Sep 2020 11:16
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 11:57:31 AM

Quant Time: Sep 30 01:23:00 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	342294	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184557	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	10429	3.74	ug/L	0.00
7) Chloroethane-d5	1.58	69	9266	4.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	21450	4.19	ug/L	0.00
21) 2-Butanone-d5	3.94	46	14154m	8.29	ug/L	0.02
24) Chloroform-d	4.37	84	22223	4.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	13969	4.50	ug/L	0.00
32) Benzene-d6	5.08	84	42255	4.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	12503	4.09	ug/L	0.00
41) Toluene-d8	7.34	98	38297	4.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	6326	4.07	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	7210	6.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	15545	4.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	18115	4.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12875	5.158	ug/L 99
3) Chloromethane	1.25	50	13548	4.971	ug/L 98
5) Vinyl chloride	1.32	62	14140	5.059	ug/L 96
6) Bromomethane	1.53	94	9664	5.657	ug/L 99
8) Chloroethane	1.60	64	8806	5.030	ug/L 97
9) Trichlorofluoromethane	1.76	101	21021	5.467	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	12132	5.252	ug/L 96
12) 1,1-Dichloroethene	2.13	96	11561	5.144	ug/L 90
13) Acetone	2.20	43	15686	11.473	ug/L 96
14) Carbon disulfide	2.31	76	36925	5.369	ug/L 96
15) Methyl Acetate	2.45	43	13552	5.515	ug/L 99
16) Methylene chloride	2.52	84	14493	5.750	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	12649	5.461	ug/L 94
18) Methyl tert-butyl Ether	2.78	73	38108	5.319	ug/L 97
19) 1,1-Dichloroethane	3.21	63	22652	5.173	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	13078	5.282	ug/L 96
22) 2-Butanone	4.02	43	16630m	10.272	ug/L
23) Bromochloromethane	4.27	128	7370	5.689	ug/L 91
25) Chloroform	4.40	83	24237	5.445	ug/L 97
27) 1,2-Dichloroethane	5.16	62	18158	5.269	ug/L 97
29) Cyclohexane	4.70	56	18582	4.784	ug/L 98
30) 1,1,1-Trichloroethane	4.63	97	21814	5.588	ug/L 98
31) Carbon tetrachloride	4.85	117	19476	5.674	ug/L 94
33) Benzene	5.13	78	51139	5.318	ug/L 100
34) Trichloroethene	5.94	95	15621	5.963	ug/L 97
35) Methylcyclohexane	6.15	83	19334	4.902	ug/L 95
37) 1,2-Dichloropropane	6.20	63	13273	5.209	ug/L # 92
38) Bromodichloromethane	6.53	83	16667	5.026	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	17743	4.519	ug/L 95
40) 4-Methyl-2-pentanone	7.25	43	30501	9.866	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	52719	5.180	ug/L	97
44) trans-1,3-Dichloropropene	7.68	75	17818	4.661	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	13266	5.617	ug/L	92
46) Tetrachloroethene	8.00	164	11954	5.820	ug/L	99
48) 2-Hexanone	8.16	43	24184	9.923	ug/L	95
49) Dibromochloromethane	8.27	129	13813	5.210	ug/L	97
50) 1,2-Dibromoethane	8.38	107	12830	5.161	ug/L	90
51) Chlorobenzene	8.90	112	37129	5.618	ug/L	98
52) Ethylbenzene	9.03	91	58876	5.299	ug/L	96
53) m,p-Xylene	9.16	106	22925	5.528	ug/L	91
54) o-xylene	9.56	106	20860	5.221	ug/L	95
55) Styrene	9.58	104	34520	4.971	ug/L	97
56) Isopropylbenzene	9.95	105	54957	5.104	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	16209	4.639	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	15590	5.202	ug/L	99
61) Bromoform	9.75	173	9837	4.961	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	31284	5.700	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	32114	5.693	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	31236	5.631	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.45	75	3730	4.765	ug/L	85
67) 1,3,5-Trichlorobenzene	12.67	180	20491	4.736	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	17665	4.585	ug/L	95
69) Naphthalene	13.53	128	43659	4.479	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	18063	4.760	ug/L	96

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

