

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100620\
 Data File : VU040528.D
 Acq On : 06 Oct 2020 15:04
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005202

Quant Time: Oct 07 07:39:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:29:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	283375	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	278853	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	134176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	11198	4.66	ug/L	0.00
7) Chloroethane-d5	1.92	69	7939	4.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	21951	4.75	ug/L	0.00
21) 2-Butanone-d5	4.64	46	16784	8.48	ug/L	0.00
24) Chloroform-d	5.09	84	17896	4.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	13653	4.56	ug/L	0.00
32) Benzene-d6	5.74	84	34758	4.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	12158	4.51	ug/L	0.00
41) Toluene-d8	7.91	98	30834	4.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	5884	4.31	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	9376	7.82	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	18617	4.91	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	14982	5.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	14253	6.646	ug/L 100
3) Chloromethane	1.53	50	15249	6.092	ug/L 98
5) Vinyl chloride	1.61	62	14626	5.848	ug/L 88
6) Bromomethane	1.87	94	7737	5.854	ug/L 94
8) Chloroethane	1.94	64	9356	5.871	ug/L 91
9) Trichlorofluoromethane	2.15	101	19364	5.670	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	11404	5.303	ug/L 98
12) 1,1-Dichloroethene	2.59	96	10288	5.139	ug/L 90
13) Acetone	2.64	43	17616	8.601	ug/L 98
14) Carbon disulfide	2.81	76	38255	5.930	ug/L 98
15) Methyl Acetate	2.96	43	15328	4.901	ug/L 99
16) Methylene chloride	3.06	84	12563	5.319	ug/L 91
17) trans-1,2-Dichloroethene	3.37	96	11437	5.524	ug/L 97
18) Methyl tert-butyl Ether	3.38	73	32935	4.870	ug/L 100
19) 1,1-Dichloroethane	3.89	63	22103	5.125	ug/L 98
20) cis-1,2-Dichloroethene	4.69	96	11574	5.106	ug/L 97
22) 2-Butanone	4.72	43	23638	9.658	ug/L 98
23) Bromochloromethane	4.99	128	6232	5.255	ug/L 90
25) Chloroform	5.11	83	22928	5.259	ug/L 97
27) 1,2-Dichloroethane	5.81	62	18615	5.034	ug/L 97
29) Cyclohexane	5.40	56	17698	4.666	ug/L 99
30) 1,1,1-Trichloroethane	5.33	97	18470	5.135	ug/L 97
31) Carbon tetrachloride	5.54	117	15874	5.077	ug/L 99
33) Benzene	5.79	78	45587	5.021	ug/L 100
34) Trichloroethene	6.56	95	12289	5.283	ug/L 96
35) Methylcyclohexane	6.78	83	17346	4.876	ug/L 96
37) 1,2-Dichloropropane	6.80	63	12427	4.875	ug/L # 95
38) Bromodichloromethane	7.12	83	16569	5.119	ug/L 90
39) cis-1,3-Dichloropropene	7.62	75	17060	4.651	ug/L 96
40) 4-Methyl-2-pentanone	7.80	43	37587	9.229	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	43619	4.748	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	17074	4.589	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	11189	5.020	ug/L	96
46) Tetrachloroethene	8.56	164	8494	5.192	ug/L	95
48) 2-Hexanone	8.69	43	31324	9.601	ug/L	98
49) Dibromochloromethane	8.82	129	11897	4.895	ug/L	92
50) 1,2-Dibromoethane	8.93	107	11541	4.857	ug/L #	100
51) Chlorobenzene	9.45	112	31684	5.207	ug/L	98
52) Ethylbenzene	9.57	91	49852	4.877	ug/L	100
53) m,p-Xylene	9.70	106	17894	4.814	ug/L	96
54) o-xylene	10.10	106	15595	4.292	ug/L	93
55) Styrene	10.11	104	28180	4.515	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.78	83	19928	5.095	ug/L	94
59) Bromoform	10.29	173	8401	5.177	ug/L	96
60) 1,2,3-Trichloropropane	10.82	75	16666	5.338	ug/L	99
61) Isopropylbenzene	10.48	105	44300	4.837	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	33503	4.467	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	33594	4.434	ug/L	96
64) 1,3-Dichlorobenzene	11.74	146	23872	5.467	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	26272	5.795	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	24195	5.561	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	4616	5.288	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	15265	5.408	ug/L	95
70) 1,2,4-trichlorobenzene	13.83	180	14153	5.838	ug/L	98
71) Naphthalene	14.08	128	43241	5.896	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	14724	6.256	ug/L	98

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

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