

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100620\
 Data File : VU040523.D
 Acq On : 06 Oct 2020 13:13
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010203

Quant Time: Oct 07 07:37:02 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	272302	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	272446	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	137319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24154	10.46	ug/L	0.00
7) Chloroethane-d5	1.92	69	19027	10.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	45784	10.31	ug/L	0.00
21) 2-Butanone-d5	4.64	46	37250	19.57	ug/L	0.00
24) Chloroform-d	5.08	84	43041	10.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	30123	10.48	ug/L	0.00
32) Benzene-d6	5.74	84	80454	10.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	27015	10.27	ug/L	0.00
41) Toluene-d8	7.91	98	72192	10.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	12549	9.41	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	20543	17.53	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	38169	10.29	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	27705	10.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	27295	13.245	ug/L 98
3) Chloromethane	1.53	50	29775	12.379	ug/L 95
5) Vinyl chloride	1.61	62	28534	11.873	ug/L 96
6) Bromomethane	1.86	94	14455	11.381	ug/L 97
8) Chloroethane	1.94	64	16485	10.766	ug/L 100
9) Trichlorofluoromethane	2.15	101	36092	10.997	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	21848	10.572	ug/L 98
12) 1,1-Dichloroethene	2.59	96	19210	9.985	ug/L 94
13) Acetone	2.63	43	39346	19.991	ug/L 100
14) Carbon disulfide	2.81	76	65677	10.594	ug/L 98
15) Methyl Acetate	2.96	43	29573	9.840	ug/L 99
16) Methylene chloride	3.06	84	24588	10.834	ug/L 96
17) trans-1,2-Dichloroethene	3.37	96	20707	10.409	ug/L 92
18) Methyl tert-butyl Ether	3.38	73	62151	9.564	ug/L 98
19) 1,1-Dichloroethane	3.89	63	42865	10.342	ug/L 97
20) cis-1,2-Dichloroethene	4.69	96	22427	10.296	ug/L 99
22) 2-Butanone	4.72	43	45753	19.453	ug/L 96
23) Bromochloromethane	4.99	128	12099	10.616	ug/L 98
25) Chloroform	5.11	83	44612	10.649	ug/L 99
27) 1,2-Dichloroethane	5.81	62	36688	10.326	ug/L 99
29) Cyclohexane	5.40	56	33996	9.173	ug/L 98
30) 1,1,1-Trichloroethane	5.33	97	35674	10.152	ug/L 99
31) Carbon tetrachloride	5.54	117	30143	9.867	ug/L 95
33) Benzene	5.79	78	89800	10.124	ug/L 100
34) Trichloroethene	6.56	95	23174	10.198	ug/L 98
35) Methylcyclohexane	6.77	83	32539	9.361	ug/L 98
37) 1,2-Dichloropropane	6.80	63	25486	10.233	ug/L 97
38) Bromodichloromethane	7.12	83	32725	10.349	ug/L 97
39) cis-1,3-Dichloropropene	7.62	75	32946	9.193	ug/L 96
40) 4-Methyl-2-pentanone	7.80	43	71062	17.859	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	91412	10.184	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	34517	9.496	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	22699	10.423	ug/L	97
46) Tetrachloroethene	8.56	164	17207	10.766	ug/L	99
48) 2-Hexanone	8.69	43	56636	17.767	ug/L	99
49) Dibromochloromethane	8.82	129	23414	9.860	ug/L	98
50) 1,2-Dibromoethane	8.93	107	23551	10.145	ug/L	96
51) Chlorobenzene	9.45	112	59610	10.027	ug/L	98
52) Ethylbenzene	9.57	91	94279	9.441	ug/L	99
53) m,p-Xylene	9.70	106	34201	9.417	ug/L	95
54) o-xylene	10.10	106	33091	9.322	ug/L	95
55) Styrene	10.11	104	56937	9.338	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	39443	10.321	ug/L	100
59) Bromoform	10.29	173	16658	10.030	ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	31635	9.901	ug/L	99
61) Isopropylbenzene	10.48	105	85736	9.147	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	63495	8.272	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	64518	8.321	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	43395	9.710	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	47355	10.207	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	44437	9.980	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.99	75	7872	8.811	ug/L	98
69) 1,3,5-Trichlorobenzene	13.21	180	26608	9.211	ug/L	97
70) 1,2,4-trichlorobenzene	13.83	180	19798	7.980	ug/L	96
71) Naphthalene	14.08	128	48497	6.461	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	20397	8.468	ug/L	100

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

