

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037944.D
 Acq On : 30 Apr 2020 10:17
 Operator : JC/MD
 Sample : VSTD01035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01035

Quant Time: Apr 30 11:01:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 10:59:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	703395	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	679267	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	305210	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	56510	9.19	ug/L	0.00
7) Chloroethane-d5	1.93	69	47421	9.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	93678	9.42	ug/L	0.00
21) 2-Butanone-d5	4.66	46	90726	18.63	ug/L	0.00
24) Chloroform-d	5.10	84	89904	9.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	62227	9.60	ug/L	0.00
32) Benzene-d6	5.76	84	189765	9.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	63045	9.81	ug/L	0.00
41) Toluene-d8	7.92	98	174335	9.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	26765	8.09	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	52588	15.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86108	9.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	60262	10.15	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	51555	8.884	ug/L 100
3) Chloromethane	1.54	50	68923	10.897	ug/L 99
5) Vinyl chloride	1.62	62	68550	9.823	ug/L 97
6) Bromomethane	1.87	94	30184	10.453	ug/L 99
8) Chloroethane	1.95	64	42406	10.815	ug/L 98
9) Trichlorofluoromethane	2.16	101	69983	9.432	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42320	9.788	ug/L 97
12) 1,1-Dichloroethene	2.60	96	45381	10.627	ug/L 97
13) Acetone	2.65	43	63844	21.974	ug/L 98
14) Carbon disulfide	2.82	76	143662	9.407	ug/L 100
15) Methyl Acetate	2.98	43	68365	9.735	ug/L 100
16) Methylene chloride	3.08	84	54209	10.683	ug/L 98
17) trans-1,2-Dichloroethene	3.38	96	48942	10.250	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	159002	9.667	ug/L 99
19) 1,1-Dichloroethane	3.91	63	98409	10.224	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	53590	10.251	ug/L 99
22) 2-Butanone	4.75	43	102720	20.191	ug/L 99
23) Bromochloromethane	5.02	128	25088	9.931	ug/L 97
25) Chloroform	5.12	83	93774	10.412	ug/L 99
27) 1,2-Dichloroethane	5.83	62	78550	10.184	ug/L 98
29) Cyclohexane	5.42	56	85888	9.038	ug/L 99
30) 1,1,1-Trichloroethane	5.36	97	74631	9.838	ug/L 100
31) Carbon tetrachloride	5.56	117	57490	9.375	ug/L 96
33) Benzene	5.81	78	216303	10.491	ug/L 100
34) Trichloroethene	6.57	95	51397	10.163	ug/L 96
35) Methylcyclohexane	6.79	83	78658	8.883	ug/L 97
37) 1,2-Dichloropropane	6.82	63	57025	10.127	ug/L 99
38) Bromodichloromethane	7.13	83	67850	9.973	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	81938	9.088	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	180637	18.446	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	227423	10.521	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	76225	8.759	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	51979	10.581	ug/L	97
46) Tetrachloroethene	8.57	164	37205	10.065	ug/L	89
48) 2-Hexanone	8.71	43	150064	19.381	ug/L	97
49) Dibromochloromethane	8.83	129	46698	9.104	ug/L	97
50) 1,2-Dibromoethane	8.94	107	54337	10.212	ug/L #	97
51) Chlorobenzene	9.47	112	137627	10.236	ug/L	95
52) Ethylbenzene	9.59	91	244291	10.092	ug/L	100
53) m,p-Xylene	9.71	106	91482	10.037	ug/L	99
54) o-xylene	10.12	106	91507	10.266	ug/L	100
55) Styrene	10.13	104	147662	9.633	ug/L	99
56) Isopropylbenzene	10.50	105	231449	9.811	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	88200	10.096	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	79587	10.521	ug/L	100
61) Bromoform	10.31	173	31215	9.088	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	97885	10.243	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	98172	10.178	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	100901	10.866	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	20165	9.744	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	64582	9.299	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	60125	8.902	ug/L	99
69) Naphthalene	14.11	128	237750	9.816	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	61529	9.225	ug/L	99

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

