

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081419\
 Data File : VU033795.D
 Acq On : 14 Aug 2019 11:38
 Operator : JC/SP
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 15 14:23:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 14:18:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	200740	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	205583	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	116755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	434802	19.14	ug/L	0.00
7) Chloroethane-d5	1.67	69	339160	19.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	65	203438	19.49	ug/L	0.00
20) 2-Butanone-d5	4.18	46	931112	212.10	ug/L	0.00
24) Chloroform-d	4.62	84	636967	18.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	330397	18.63	ug/L	0.00
32) Benzene-d6	5.32	84	1272217	20.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	389987	19.46	ug/L	0.00
41) Toluene-d8	7.55	98	1215466	20.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	171115	21.59	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	802628	254.10	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.41	84	343143	19.83	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.84	152	471109	19.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	563392	19.362 ug/L	100
3) Chloromethane	1.32	50	570446	18.890 ug/L	98
5) Vinyl chloride	1.39	62	639348	19.416 ug/L	98
6) Bromomethane	1.62	94	373986	19.516 ug/L	99
8) Chloroethane	1.69	64	370840	19.066 ug/L	99
9) Trichlorofluoromethane	1.87	101	929354	20.603 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	454311	18.979 ug/L	100
12) 1,1-Dichloroethene	2.27	96	448171	19.375 ug/L	98
13) Acetone	2.34	43	873438	187.305 ug/L	# 50
14) Carbon disulfide	2.46	76	1501999	19.121 ug/L	100
15) Methyl Acetate	2.61	43	228329	18.775 ug/L	100
16) Methylene chloride	2.68	84	483202	17.893 ug/L	98
17) Methyl tert-butyl Ether	2.98	73	1179428	19.693 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	475862	19.157 ug/L	98
19) 1,1-Dichloroethane	3.42	63	740488	19.069 ug/L	100
21) 2-Butanone	4.27	43	1178673	204.841 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	437657	20.653 ug/L	98
23) Bromochloromethane	4.52	128	197062	19.397 ug/L	97
25) Chloroform	4.65	83	756697	18.105 ug/L	98
27) 1,2-Dichloroethane	5.38	62	499207	19.385 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	654042	19.549 ug/L	99
30) Cyclohexane	4.97	56	682266	22.532 ug/L	99
31) Carbon tetrachloride	5.11	117	590026	19.821 ug/L	98
33) Benzene	5.36	78	1671183	20.324 ug/L	100
34) Trichloroethene	6.16	95	434921	20.167 ug/L	99
35) Methylcyclohexane	6.39	83	749856	23.191 ug/L	96
37) 1,2-Dichloropropane	6.41	63	441158	19.855 ug/L	99
38) Bromodichloromethane	6.74	83	550709	19.655 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	675257	22.520 ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	2858571	222.628 ug/L	98

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QLast Update : Thu Aug 15 14:18:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	1859016	21.515	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	551298	21.992	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	314081	19.783	ug/L	98
47) Tetrachloroethene	8.21	164	359634	20.004	ug/L	100
48) 2-Hexanone	8.35	43	2082845	224.298	ug/L	99
49) Dibromochloromethane	8.46	129	399847	20.769	ug/L	97
50) 1,2-Dibromoethane	8.57	107	310150	20.205	ug/L	95
51) Chlorobenzene	9.10	112	1157463	20.807	ug/L	99
52) Ethylbenzene	9.23	91	2065463	23.097	ug/L	99
53) m,p-Xylene	9.36	106	784150	23.253	ug/L	100
54) o-Xylene	9.76	106	769810	24.044	ug/L	99
55) Styrene	9.77	104	1332521	23.985	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.44	83	413467	19.826	ug/L	98
59) Isopropylbenzene	10.15	105	2028892	22.794	ug/L	99
60) Bromoform	9.94	173	241788	20.273	ug/L	96
61) 1,2,3-Trichloropropane	10.48	75	289656	5.731	ug/L	99
62) 1,3,5-Trimethylbenzene	10.76	105	1760092	24.368	ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	1752643	24.318	ug/L	99
64) 1,3-Dichlorobenzene	11.40	146	980683	20.602	ug/L	100
65) 1,4-Dichlorobenzene	11.49	146	993950	20.283	ug/L	100
67) 1,2-Dichlorobenzene	11.86	146	934524	20.334	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.64	75	72977	21.562	ug/L	96
69) 1,3,5-Trichlorobenzene	12.87	180	806646	21.546	ug/L	99
70) 1,2,4-trichlorobenzene	13.49	180	700680	24.048	ug/L	98
71) Naphthalene	13.73	128	1252417	27.913	ug/L	99
72) 1,2,3-Trichlorobenzene	13.97	180	650098	23.675	ug/L	99

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

