

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038842.D
 Acq On : 12 Jun 2020 10:42
 Operator : SY/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Jun 12 11:00:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 10:34:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	302382	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	303785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	326168	16.67	ug/L	0.00
7) Chloroethane-d5	1.93	69	258857	17.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	758436	19.69	ug/L	0.00
20) 2-Butanone-d5	4.68	46	1110756	186.83	ug/L	0.00
24) Chloroform-d	5.10	84	735216	20.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	403409	19.33	ug/L	0.00
32) Benzene-d6	5.76	84	1441295	19.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	435208	18.66	ug/L	0.00
41) Toluene-d8	7.92	98	1354030	19.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	204867	20.42	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	960104	193.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	391857	19.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	529623	19.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	574166	24.092 ug/L	99
3) Chloromethane	1.53	50	464628	21.229 ug/L	98
5) Vinyl chloride	1.62	62	511427	21.809 ug/L	99
6) Bromomethane	1.87	94	302814	26.599 ug/L	99
8) Chloroethane	1.95	64	296353	21.092 ug/L	99
9) Trichlorofluoromethane	2.16	101	752994	24.206 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	428370	23.381 ug/L	99
12) 1,1-Dichloroethene	2.60	96	419571	22.531 ug/L	91
13) Acetone	2.68	43	824433	211.898 ug/L	100
14) Carbon disulfide	2.82	76	1435050	22.711 ug/L	98
15) Methyl Acetate	2.99	43	210784	22.114 ug/L	98
16) Methylene chloride	3.08	84	450668	21.385 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	1156650	23.688 ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	449046	22.375 ug/L	99
19) 1,1-Dichloroethane	3.91	63	806844	22.465 ug/L	99
21) 2-Butanone	4.76	43	1422511	217.373 ug/L	100
22) cis-1,2-Dichloroethene	4.70	96	477545	22.099 ug/L	98
23) Bromochloromethane	5.01	128	217371	22.351 ug/L	97
25) Chloroform	5.12	83	822716	22.550 ug/L	98
27) 1,2-Dichloroethane	5.83	62	575369	22.400 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	742623	23.103 ug/L	99
30) Cyclohexane	5.42	56	752713	22.331 ug/L	98
31) Carbon tetrachloride	5.56	117	627978	23.466 ug/L	99
33) Benzene	5.81	78	1812218	21.393 ug/L	100
34) Trichloroethene	6.57	95	474213	21.568 ug/L	97
35) Methylcyclohexane	6.79	83	791376	23.248 ug/L	95
37) 1,2-Dichloropropane	6.82	63	461010	21.627 ug/L	100
38) Bromodichloromethane	7.13	83	600389	22.679 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	739358	23.469 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	3338127	218.969 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	1985034	22.341	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	658899	23.681	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	352730	21.933	ug/L	98
47) Tetrachloroethene	8.57	164	357837	22.401	ug/L	99
48) 2-Hexanone	8.71	43	2556604	221.444	ug/L	99
49) Dibromochloromethane	8.83	129	419939	24.192	ug/L	97
50) 1,2-Dibromoethane	8.94	107	349009	22.664	ug/L	100
51) Chlorobenzene	9.47	112	1251681	21.844	ug/L	99
52) Ethylbenzene	9.59	91	2263631	22.898	ug/L	99
53) m,p-Xylene	9.71	106	874905	23.013	ug/L	99
54) o-Xylene	10.11	106	836556	22.922	ug/L	99
55) Styrene	10.13	104	1481255	23.910	ug/L	100
56) Isopropylbenzene	10.50	105	2250585	23.429	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	456113	22.317	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	350485	22.029	ug/L	99
61) Bromoform	10.31	173	243351	24.173	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	1032305	21.742	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1046524	21.736	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	985381	21.856	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	84096	23.038	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	781226	22.054	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	738473	22.523	ug/L	98
69) Naphthalene	14.11	128	1515460	23.225	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	669550	22.443	ug/L	99

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

