

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037526.D
 Acq On : 01 Apr 2020 15:27
 Operator : JC/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Apr 01 15:45:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 15:22:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	90199	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	85133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43234	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143994	18.83	ug/L	0.00
7) Chloroethane-d5	1.93	69	99639	16.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	256611	18.90	ug/L	0.00
20) 2-Butanone-d5	4.67	46	390976	188.49	ug/L	0.00
24) Chloroform-d	5.10	84	245611	18.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	132675	18.21	ug/L	0.00
32) Benzene-d6	5.76	84	496116	18.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	163010	18.66	ug/L	0.00
41) Toluene-d8	7.92	98	458910	18.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	76629	19.70	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	356281	187.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	133905	18.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	159696	17.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131396	18.577 ug/L	99
3) Chloromethane	1.53	50	139543	19.160 ug/L	99
5) Vinyl chloride	1.62	62	141578	19.234 ug/L	99
6) Bromomethane	1.87	94	64869	18.243 ug/L	97
8) Chloroethane	1.94	64	79129	17.242 ug/L	96
9) Trichlorofluoromethane	2.15	101	205215	18.855 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	117926	18.890 ug/L	98
12) 1,1-Dichloroethene	2.60	96	115826	19.277 ug/L	91
13) Acetone	2.66	43	203063	170.515 ug/L	98
14) Carbon disulfide	2.82	76	379654	19.225 ug/L	97
15) Methyl Acetate	2.98	43	55377	15.428 ug/L	93
16) Methylene chloride	3.08	84	127767	17.862 ug/L	92
17) Methyl tert-butyl Ether	3.40	73	319420	18.830 ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	122203	18.585 ug/L	97
19) 1,1-Dichloroethane	3.91	63	229058	18.561 ug/L	95
21) 2-Butanone	4.75	43	379304	183.473 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	136007	19.061 ug/L	98
23) Bromochloromethane	5.02	128	57092	18.201 ug/L	95
25) Chloroform	5.13	83	235242	18.493 ug/L	100
27) 1,2-Dichloroethane	5.83	62	154095	18.972 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	206496	18.576 ug/L	98
30) Cyclohexane	5.42	56	221542	18.303 ug/L	99
31) Carbon tetrachloride	5.56	117	175319	19.595 ug/L	99
33) Benzene	5.81	78	507635	18.504 ug/L	100
34) Trichloroethene	6.57	95	135865	18.829 ug/L	99
35) Methylcyclohexane	6.79	83	223315	18.413 ug/L	99
37) 1,2-Dichloropropane	6.82	63	136794	18.470 ug/L	100
38) Bromodichloromethane	7.13	83	178403	18.971 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	214882	19.076 ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	969483	188.679 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	547934	18.858	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	191389	19.442	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	97556	18.917	ug/L	98
47) Tetrachloroethene	8.57	164	90806	19.337	ug/L	96
48) 2-Hexanone	8.71	43	694853	186.251	ug/L	97
49) Dibromochloromethane	8.83	129	118382	19.359	ug/L	97
50) 1,2-Dibromoethane	8.95	107	94188	18.744	ug/L	99
51) Chlorobenzene	9.47	112	339071	18.920	ug/L	98
52) Ethylbenzene	9.59	91	631202	19.117	ug/L	99
53) m,p-Xylene	9.71	106	232317	18.626	ug/L	97
54) o-Xylene	10.12	106	224478	18.701	ug/L	97
55) Styrene	10.13	104	395361	19.158	ug/L	99
56) Isopropylbenzene	10.50	105	616066	18.881	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	130617	18.807	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	93153	19.353	ug/L	99
61) Bromoform	10.31	173	68880	19.205	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	268071	18.469	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	266631	17.977	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	251641	18.041	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	26548	20.259	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	195748	18.736	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	184482	19.036	ug/L	98
69) Naphthalene	14.11	128	401979	18.554	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	163972	19.083	ug/L	97

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

