

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037153.D
 Acq On : 10 Mar 2020 15:52
 Operator : JC/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Quant Time: Mar 11 08:56:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 11 08:42:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	121498	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	3789	0.38	ug/L	0.00
7) Chloroethane-d5	1.93	69	3014	0.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	8250	0.47	ug/L	0.00
20) 2-Butanone-d5	4.70	46	9073	4.21	ug/L	0.01
24) Chloroform-d	5.10	84	7920	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	4729	0.51	ug/L	0.00
32) Benzene-d6	5.76	84	14872	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	5079	0.45	ug/L	0.00
41) Toluene-d8	7.93	98	12895	0.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	1632	0.36	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	5883	2.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	4035	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	4581	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7692	0.800 ug/L	94
3) Chloromethane	1.53	50	6697	0.715 ug/L	93
5) Vinyl chloride	1.62	62	6137	0.595 ug/L	97
6) Bromomethane	1.87	94	2209	0.389 ug/L	94
8) Chloroethane	1.95	64	3933	0.579 ug/L #	81
9) Trichlorofluoromethane	2.16	101	8537	0.619 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4234	0.500 ug/L	97
12) 1,1-Dichloroethene	2.60	96	3810	0.501 ug/L	89
13) Acetone	2.69	43	7175	2.742 ug/L	74
14) Carbon disulfide	2.82	76	12950	0.651 ug/L #	95
15) Methyl Acetate	3.00	43	1841	0.487 ug/L #	85
16) Methylene chloride	3.08	84	5197	0.419 ug/L	87
17) Methyl tert-butyl Ether	3.41	73	10058	0.457 ug/L #	89
18) trans-1,2-Dichloroethene	3.39	96	3909	0.493 ug/L	77
19) 1,1-Dichloroethane	3.91	63	8415	0.515 ug/L	97
21) 2-Butanone	4.77	43	11045	3.469 ug/L	78
22) cis-1,2-Dichloroethene	4.71	96	4496	0.482 ug/L	92
23) Bromochloromethane	5.01	128	1810	0.478 ug/L #	88
25) Chloroform	5.13	83	9433	0.535 ug/L	99
27) 1,2-Dichloroethane	5.83	62	6203	0.545 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	7409	0.533 ug/L	95
30) Cyclohexane	5.42	56	6735	0.464 ug/L #	89
31) Carbon tetrachloride	5.56	117	6315	0.555 ug/L	97
33) Benzene	5.81	78	17145	0.455 ug/L	100
34) Trichloroethene	6.57	95	4651	0.480 ug/L	92
35) Methylcyclohexane	6.79	83	6588	0.432 ug/L	95
37) 1,2-Dichloropropane	6.83	63	4260	0.418 ug/L #	88
38) Bromodichloromethane	7.14	83	5461	0.440 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	5668	0.387 ug/L	94
40) 4-Methyl-2-pentanone	7.83	43	29010	4.348 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	16586	0.408	ug/L	89
44) trans-1,3-Dichloropropene	8.24	75	4519	0.389	ug/L #	76
45) 1,1,2-Trichloroethane	8.43	97	3217	0.451	ug/L	88
47) Tetrachloroethene	8.58	164	3806	0.561	ug/L	88
48) 2-Hexanone	8.72	43	17043	3.079	ug/L	96
49) Dibromochloromethane	8.84	129	3619	0.475	ug/L	96
50) 1,2-Dibromoethane	8.95	107	2809	0.430	ug/L #	89
51) Chlorobenzene	9.47	112	11935	0.477	ug/L	94
52) Ethylbenzene	9.59	91	17762	0.393	ug/L	97
53) m,p-Xylene	9.72	106	5808	0.350	ug/L	97
54) o-Xylene	10.12	106	5831	0.361	ug/L	90
55) Styrene	10.14	104	9569	0.351	ug/L	96
56) Isopropylbenzene	10.50	105	15453	0.355	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.81	83	3484	0.376	ug/L #	80
59) 1,2,3-Trichloropropane	10.84	75	3500	0.516	ug/L	95
61) Bromoform	10.31	173	1731	0.477	ug/L #	91
62) 1,3-Dichlorobenzene	11.76	146	8153	0.462	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	8459	0.486	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	7715	0.456	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	506	0.403	ug/L #	75
67) 1,3,5-Trichlorobenzene	13.25	180	5166	0.419	ug/L	92
68) 1,2,4-trichlorobenzene	13.88	180	2846	0.314	ug/L	85
69) Naphthalene	14.12	128	2796	0.178	ug/L #	83
70) 1,2,3-Trichlorobenzene	14.37	180	2673	0.326	ug/L #	86

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

