

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036192.D
 Acq On : 13 Dec 2019 12:58
 Operator : JC/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Dec 14 00:25:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 00:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	254702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	274759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22094	0.88	ug/L	0.00
7) Chloroethane-d5	1.93	69	20344	0.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	33196	0.99	ug/L	0.00
20) 2-Butanone-d5	4.69	46	37924	9.21	ug/L	0.00
24) Chloroform-d	5.11	84	36695	0.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	19381	1.03	ug/L	0.00
32) Benzene-d6	5.77	84	63743	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	21145	0.95	ug/L	0.00
41) Toluene-d8	7.93	98	57850	0.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	8245	0.88	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	26204	7.60	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	18970	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	23865	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	30399	1.080 ug/L	98
3) Chloromethane	1.53	50	38646	1.063 ug/L	99
5) Vinyl chloride	1.62	62	36358	1.082 ug/L	99
6) Bromomethane	1.87	94	17757	0.883 ug/L	97
8) Chloroethane	1.95	64	20866	1.020 ug/L	100
9) Trichlorofluoromethane	2.16	101	45571	1.103 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	22282	1.103 ug/L	99
12) 1,1-Dichloroethene	2.61	96	19580	1.027 ug/L	93
13) Acetone	2.68	43	42701	11.927 ug/L	99
14) Carbon disulfide	2.82	76	67233	1.065 ug/L	97
15) Methyl Acetate	2.99	43	8070	1.048 ug/L	93
16) Methylene chloride	3.08	84	33218	1.242 ug/L	95
17) Methyl tert-butyl Ether	3.42	73	38550	0.972 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	19674	0.994 ug/L	97
19) 1,1-Dichloroethane	3.92	63	38543	1.059 ug/L	98
21) 2-Butanone	4.77	43	44628	9.375 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	21346	1.049 ug/L	96
23) Bromochloromethane	5.02	128	10920	1.078 ug/L	95
25) Chloroform	5.13	83	42119	1.097 ug/L	100
27) 1,2-Dichloroethane	5.84	62	24855	1.100 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	35788	1.071 ug/L	97
30) Cyclohexane	5.43	56	25140	0.886 ug/L	98
31) Carbon tetrachloride	5.57	117	32499	1.088 ug/L	97
33) Benzene	5.82	78	82492	0.988 ug/L	100
34) Trichloroethene	6.58	95	22500	1.048 ug/L	95
35) Methylcyclohexane	6.80	83	26631	0.873 ug/L	96
37) 1,2-Dichloropropane	6.83	63	22177	1.034 ug/L	99
38) Bromodichloromethane	7.14	83	28775	1.044 ug/L	93
39) cis-1,3-Dichloropropene	7.65	75	26280	0.919 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	97923	8.958 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.00	91	86122	0.976	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	22661	0.940	ug/L	93
45) 1,1,2-Trichloroethane	8.43	97	16082	1.017	ug/L	97
47) Tetrachloroethene	8.58	164	19953	1.066	ug/L	97
48) 2-Hexanone	8.73	43	71893	8.928	ug/L	97
49) Dibromochloromethane	8.84	129	19821	1.002	ug/L	90
50) 1,2-Dibromoethane	8.96	107	15008	1.009	ug/L	99
51) Chlorobenzene	9.48	112	59266	1.026	ug/L	96
52) Ethylbenzene	9.60	91	80459	0.929	ug/L	98
53) m,p-Xylene	9.72	106	29591	0.869	ug/L	95
54) o-Xylene	10.13	106	28673	0.883	ug/L	96
55) Styrene	10.14	104	50973	0.881	ug/L	99
56) Isopropylbenzene	10.51	105	72637	0.877	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.81	83	19975	0.999	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	13715	0.968	ug/L	98
61) Bromoform	10.32	173	11651	0.974	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	42737	1.025	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	41819	1.018	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	41397	1.035	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	2384	0.920	ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	31082	1.122	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	17301	1.122	ug/L	98
69) Naphthalene	14.11	128	16896	1.001	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	16776	1.161	ug/L	96

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

