

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035946.D
 Acq On : 03 Dec 2019 13:38
 Operator : JC/SP
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Quant Time: Dec 03 18:03:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 03 17:59:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	331442	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	349500	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	135263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20560	0.59	ug/L	0.00
7) Chloroethane-d5	1.93	69	16762	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	29765	0.53	ug/L	0.00
20) 2-Butanone-d5	4.71	46	37014	5.03	ug/L	0.01
24) Chloroform-d	5.11	84	27972	0.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	16529	0.59	ug/L	0.00
32) Benzene-d6	5.77	84	52293	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	17673	0.51	ug/L	0.00
41) Toluene-d8	7.93	98	47777	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	6675	0.48	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	23585	4.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	16551	0.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	16985	0.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	18738	0.529 ug/L	100
3) Chloromethane	1.54	50	22388	0.552 ug/L	99
5) Vinyl chloride	1.62	62	20618	0.496 ug/L #	82
6) Bromomethane	1.88	94	12260	0.517 ug/L	91
8) Chloroethane	1.95	64	14436	0.603 ug/L	89
9) Trichlorofluoromethane	2.16	101	24933	0.495 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	13004	0.442 ug/L	91
12) 1,1-Dichloroethene	2.60	96	12433	0.441 ug/L	89
13) Acetone	2.69	43	40900	7.500 ug/L	97
14) Carbon disulfide	2.82	76	46028	0.501 ug/L	99
15) Methyl Acetate	3.00	43	5940	0.481 ug/L #	74
16) Methylene chloride	3.08	84	30085	0.890 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	28159	0.430 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	13629	0.470 ug/L	91
19) 1,1-Dichloroethane	3.92	63	25853	0.477 ug/L	96
21) 2-Butanone	4.79	43	42823	5.385 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	13244	0.418 ug/L	99
23) Bromochloromethane	5.02	128	6239	0.414 ug/L	96
25) Chloroform	5.14	83	26516	0.450 ug/L	97
27) 1,2-Dichloroethane	5.84	62	17482	0.527 ug/L #	93
29) 1,1,1-Trichloroethane	5.36	97	21157	0.470 ug/L	98
30) Cyclohexane	5.43	56	19393	0.431 ug/L	97
31) Carbon tetrachloride	5.57	117	18913	0.469 ug/L	100
33) Benzene	5.82	78	52933	0.439 ug/L	100
34) Trichloroethene	6.58	95	14493	0.474 ug/L	96
35) Methylcyclohexane	6.80	83	18360	0.394 ug/L	94
37) 1,2-Dichloropropane	6.83	63	15608	0.491 ug/L #	97
38) Bromodichloromethane	7.14	83	17553	0.455 ug/L	93
39) cis-1,3-Dichloropropene	7.65	75	19187	0.426 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	89190	4.853 ug/L	95

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

42) Toluene	8.01	91	54156	0.429	ug/L	96
44) trans-1,3-Dichloropropene	8.25	75	16220	0.449	ug/L	92
45) 1,1,2-Trichloroethane	8.44	97	10118	0.447	ug/L	92
47) Tetrachloroethene	8.58	164	11450	0.435	ug/L	91
48) 2-Hexanone	8.73	43	65642	4.975	ug/L	93
49) Dibromochloromethane	8.84	129	13297	0.480	ug/L	91
50) 1,2-Dibromoethane	8.96	107	10756	0.499	ug/L #	95
51) Chlorobenzene	9.48	112	36263	0.443	ug/L	91
52) Ethylbenzene	9.60	91	52258	0.397	ug/L	99
53) m,p-Xylene	9.72	106	18791	0.376	ug/L	91
54) o-Xylene	10.13	106	17145	0.358	ug/L	93
55) Styrene	10.14	104	27020	0.340	ug/L	91
56) Isopropylbenzene	10.51	105	45177	0.359	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.81	83	14606	0.492	ug/L	94
59) 1,2,3-Trichloropropane	10.85	75	10516	0.502	ug/L	98
61) Bromoform	10.32	173	7709	0.629	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	24465	0.537	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	25047	0.571	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	23103	0.540	ug/L	92
66) 1,2-Dibromo-3-chloropropan	13.03	75	2049	0.731	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	15662	0.534	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	6384	0.363	ug/L	96
69) Naphthalene	14.11	128	6773	0.320	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	7172	0.423	ug/L	99

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

