

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112320\
 Data File : VU041381.D
 Acq On : 23 Nov 2020 11:06
 Operator : SY/MD
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Quant Time: Nov 24 01:05:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:04:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73197	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	2658	0.51	ug/L	0.00
7) Chloroethane-d5	1.92	69	1916	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.57	63	4963	0.45	ug/L	0.00
20) 2-Butanone-d5	4.64	46	6375	3.19	ug/L	0.00
24) Chloroform-d	5.08	84	5377	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	3290	0.45	ug/L	0.00
32) Benzene-d6	5.74	84	8867	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	2753	0.41	ug/L	0.00
41) Toluene-d8	7.91	98	7646	0.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1216	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	3471	2.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	2228	0.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	2999	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	3305	0.525 ug/L	97
3) Chloromethane	1.53	50	3147	0.488 ug/L	97
5) Vinyl chloride	1.61	62	3335	0.528 ug/L #	82
6) Bromomethane	1.86	94	1037	0.295 ug/L	99
8) Chloroethane	1.94	64	2056	0.506 ug/L	85
9) Trichlorofluoromethane	2.14	101	4718	0.475 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2486	0.465 ug/L	97
12) 1,1-Dichloroethene	2.59	96	2072	0.437 ug/L	95
13) Acetone	2.64	43	4534	3.343 ug/L	93
14) Carbon disulfide	2.80	76	7864	0.546 ug/L	98
15) Methyl Acetate	2.96	43	994	0.348 ug/L #	69
16) Methylene chloride	3.06	84	4334	0.725 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	4821	0.376 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2375	0.506 ug/L	88
19) 1,1-Dichloroethane	3.89	63	4791	0.466 ug/L	95
21) 2-Butanone	4.72	43	6241	3.036 ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	2464	0.475 ug/L	88
23) Bromochloromethane	4.99	128	868	0.338 ug/L	92
25) Chloroform	5.11	83	5252	0.470 ug/L	99
27) 1,2-Dichloroethane	5.81	62	3283	0.417 ug/L #	78
29) 1,1,1-Trichloroethane	5.33	97	4279	0.464 ug/L	97
30) Cyclohexane	5.40	56	3042	0.395 ug/L	97
31) Carbon tetrachloride	5.54	117	3851	0.481 ug/L	97
33) Benzene	5.78	78	8508	0.423 ug/L	100
34) Trichloroethene	6.55	95	2501	0.456 ug/L	91
35) Methylcyclohexane	6.77	83	3318	0.443 ug/L #	90
37) 1,2-Dichloropropane	6.80	63	2562	0.440 ug/L #	90
38) Bromodichloromethane	7.11	83	3461	0.450 ug/L	89
39) cis-1,3-Dichloropropene	7.61	75	3040	0.375 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	14233	3.138 ug/L	94

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

42) Toluene	7.97	91	8584	0.399	ug/L	95
44) trans-1,3-Dichloropropene	8.21	75	2745	0.361	ug/L #	81
45) 1,1,2-Trichloroethane	8.40	97	1711	0.391	ug/L	94
47) Tetrachloroethene	8.56	164	1827	0.452	ug/L	93
48) 2-Hexanone	8.69	43	10851	3.237	ug/L #	91
49) Dibromochloromethane	8.81	129	2064	0.393	ug/L	93
50) 1,2-Dibromoethane	8.93	107	1666	0.408	ug/L #	87
51) Chlorobenzene	9.45	112	6427	0.453	ug/L	93
52) Ethylbenzene	9.57	91	8525	0.368	ug/L	100
53) m,p-Xylene	9.69	106	2938	0.350	ug/L	77
54) o-Xylene	10.10	106	3295	0.410	ug/L	79
55) Styrene	10.11	104	4386	0.311	ug/L	99
56) Isopropylbenzene	10.48	105	7608	0.352	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	1971	0.339	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	1696	0.378	ug/L	97
61) Bromoform	10.29	173	1065	0.367	ug/L #	90
62) 1,3-Dichlorobenzene	11.74	146	4678	0.474	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	4350	0.430	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	4289	0.446	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	337	0.384	ug/L #	67
67) 1,3,5-Trichlorobenzene	13.21	180	3312	0.475	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	2546	0.447	ug/L	97
69) Naphthalene	14.08	128	4095	0.445	ug/L #	91
70) 1,2,3-Trichlorobenzene	14.32	180	2345	0.440	ug/L	99

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

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