

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120320\
 Data File : VU041457.D
 Acq On : 03 Dec 2020 18:19
 Operator : SY/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Quant Time: Dec 04 01:55:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 04 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53515	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	1213	0.34	ug/L	0.00
7) Chloroethane-d5	1.92	69	1025	0.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	3108	0.43	ug/L	0.00
20) 2-Butanone-d5	4.66	46	3973	4.19	ug/L	0.00
24) Chloroform-d	5.08	84	3311	0.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	2325	0.51	ug/L	0.00
32) Benzene-d6	5.74	84	5307	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	1472	0.36	ug/L	0.00
41) Toluene-d8	7.90	98	4629	0.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	773	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	3155	4.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	1841	0.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	2372	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	2656	0.507 ug/L	99
3) Chloromethane	1.53	50	1808	0.428 ug/L	97
5) Vinyl chloride	1.61	62	2110	0.464 ug/L	98
6) Bromomethane	1.87	94	1321	0.685 ug/L	98
8) Chloroethane	1.95	64	1533	0.577 ug/L	83
9) Trichlorofluoromethane	2.15	101	4078	0.538 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1552	0.418 ug/L	95
12) 1,1-Dichloroethene	2.59	96	1518	0.464 ug/L	95
13) Acetone	2.66	43	3438	5.119 ug/L	94
14) Carbon disulfide	2.81	76	4392	0.401 ug/L	96
15) Methyl Acetate	2.97	43	849	0.571 ug/L #	51
16) Methylene chloride	3.06	84	3811	0.823 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	4812	0.568 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	1628	0.462 ug/L	89
19) 1,1-Dichloroethane	3.89	63	3070	0.439 ug/L	98
21) 2-Butanone	4.74	43	4716	4.594 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	1789	0.472 ug/L	98
23) Bromochloromethane	4.99	128	934	0.556 ug/L #	92
25) Chloroform	5.11	83	4206	0.533 ug/L	99
27) 1,2-Dichloroethane	5.81	62	3076	0.585 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	4063	0.587 ug/L	94
30) Cyclohexane	5.40	56	2150	0.392 ug/L #	88
31) Carbon tetrachloride	5.54	117	3523	0.561 ug/L	99
33) Benzene	5.79	78	6814	0.476 ug/L	100
34) Trichloroethene	6.55	95	1989	0.506 ug/L	89
35) Methylcyclohexane	6.78	83	2210	0.393 ug/L	97
37) 1,2-Dichloropropane	6.80	63	1914	0.499 ug/L #	87
38) Bromodichloromethane	7.11	83	3027	0.557 ug/L	80
39) cis-1,3-Dichloropropene	7.62	75	2530	0.464 ug/L	93
40) 4-Methyl-2-pentanone	7.80	43	12749	5.292 ug/L	97

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

42) Toluene	7.97	91	7067	0.462	ug/L	90
44) trans-1,3-Dichloropropene	8.22	75	2804	0.555	ug/L #	80
45) 1,1,2-Trichloroethane	8.40	97	1493	0.544	ug/L	92
47) Tetrachloroethene	8.56	164	1142	0.385	ug/L	89
48) 2-Hexanone	8.69	43	9426	5.306	ug/L	96
49) Dibromochloromethane	8.81	129	1839	0.512	ug/L	90
50) 1,2-Dibromoethane	8.93	107	1359	0.512	ug/L #	97
51) Chlorobenzene	9.45	112	4866	0.486	ug/L	95
52) Ethylbenzene	9.57	91	8123	0.492	ug/L	98
53) m,p-Xylene	9.69	106	2920	0.484	ug/L	94
54) o-Xylene	10.10	106	2594	0.445	ug/L	90
55) Styrene	10.11	104	4827	0.491	ug/L	79
56) Isopropylbenzene	10.48	105	7638	0.482	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	1748	0.522	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	1676	0.640	ug/L #	80
61) Bromoform	10.29	173	1332	0.668	ug/L #	95
62) 1,3-Dichlorobenzene	11.74	146	4230	0.537	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	4143	0.530	ug/L	87
65) 1,2-Dichlorobenzene	12.21	146	4126	0.563	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.99	75	345	0.579	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	3072	0.545	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	2410	0.542	ug/L	93
69) Naphthalene	14.08	128	3751	0.541	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.32	180	2543	0.631	ug/L	94

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

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