

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040934.D
 Acq On : 26 Oct 2020 10:48
 Operator : SY/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:10:54 PM

Quant Time: Oct 27 02:27:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 02:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73568	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	2808	0.53	ug/L	0.00
7) Chloroethane-d5	1.92	69	2159	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	5711	0.52	ug/L	0.00
20) 2-Butanone-d5	4.67	46	7858	4.24	ug/L	0.00
24) Chloroform-d	5.08	84	5102	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	3207	0.51	ug/L	0.00
32) Benzene-d6	5.74	84	8466	0.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	2832	0.43	ug/L	0.00
41) Toluene-d8	7.90	98	7345	0.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1146	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	5004	3.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	2541	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	2643	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	3090	0.424 ug/L	98
3) Chloromethane	1.53	50	3660	0.468 ug/L	94
5) Vinyl chloride	1.61	62	3312	0.450 ug/L	95
6) Bromomethane	1.86	94	1912	0.499 ug/L	100
8) Chloroethane	1.94	64	2312	0.488 ug/L	98
9) Trichlorofluoromethane	2.15	101	4515	0.462 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2620	0.461 ug/L	94
12) 1,1-Dichloroethene	2.59	96	2576	0.485 ug/L	82
13) Acetone	2.67	43	6565m	5.037 ug/L	
14) Carbon disulfide	2.81	76	8233	0.440 ug/L	98
15) Methyl Acetate	2.97	43	1542	0.483 ug/L #	62
16) Methylene chloride	3.06	84	3074	0.470 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	6072	0.464 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	2578	0.470 ug/L	94
19) 1,1-Dichloroethane	3.89	63	5070	0.460 ug/L	98
21) 2-Butanone	4.74	43	9236	4.728 ug/L	91
22) cis-1,2-Dichloroethene	4.68	96	2369	0.395 ug/L	91
23) Bromochloromethane	4.99	128	1019	0.378 ug/L #	70
25) Chloroform	5.11	83	4935	0.439 ug/L	97
27) 1,2-Dichloroethane	5.81	62	3743	0.482 ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	4354	0.463 ug/L	96
30) Cyclohexane	5.40	56	3779	0.401 ug/L	97
31) Carbon tetrachloride	5.54	117	4008	0.480 ug/L	96
33) Benzene	5.79	78	10154	0.435 ug/L	100
34) Trichloroethene	6.55	95	2579	0.432 ug/L	94
35) Methylcyclohexane	6.77	83	3428	0.385 ug/L	99
37) 1,2-Dichloropropane	6.80	63	2802	0.443 ug/L #	89
38) Bromodichloromethane	7.11	83	3653	0.452 ug/L	92
39) cis-1,3-Dichloropropene	7.61	75	3474	0.409 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	18870	4.299 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040934.D
 Acq On : 26 Oct 2020 10:48
 Operator : SY/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:10:54 PM

Quant Time: Oct 27 02:27:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 02:16:14 2020
 Response via : Initial Calibration

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

42) Toluene	7.98	91	9479	0.403	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	3079	0.398	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	2084	0.479	ug/L	88
47) Tetrachloroethene	8.56	164	1892	0.427	ug/L	95
48) 2-Hexanone	8.69	43	14416	4.471	ug/L	93
49) Dibromochloromethane	8.81	129	2278	0.439	ug/L	97
50) 1,2-Dibromoethane	8.93	107	1988	0.487	ug/L #	97
51) Chlorobenzene	9.45	112	6519	0.430	ug/L	94
52) Ethylbenzene	9.57	91	9682	0.383	ug/L	93
53) m,p-Xylene	9.69	106	3466	0.382	ug/L	87
54) o-Xylene	10.10	106	3131	0.363	ug/L	97
55) Styrene	10.11	104	5146	0.342	ug/L	98
56) Isopropylbenzene	10.48	105	8402	0.365	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	2642	0.471	ug/L	97
59) 1,2,3-Trichloropropane	10.83	75	2040	0.483	ug/L	94
61) Bromoform	10.29	173	1204	0.501	ug/L #	90
62) 1,3-Dichlorobenzene	11.74	146	4320	0.429	ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	4796	0.462	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	4517	0.474	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	352	0.387	ug/L	88
67) 1,3,5-Trichlorobenzene	13.21	180	3168	0.428	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	2319	0.374	ug/L	94
69) Naphthalene	14.08	128	3224	0.284	ug/L #	92
70) 1,2,3-Trichlorobenzene	14.31	180	1963	0.327	ug/L	95

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

