

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041240.D
 Acq On : 16 Nov 2020 11:27
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.503

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:54:07 AM

Quant Time: Nov 16 12:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 11:40:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70921	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	2798	0.54	ug/L	0.00
7) Chloroethane-d5	1.92	69	2125	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	5460	0.51	ug/L	0.00
20) 2-Butanone-d5	4.66	46	9820	4.57	ug/L	0.02
24) Chloroform-d	5.08	84	5764	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	3820	0.52	ug/L	0.00
32) Benzene-d6	5.74	84	10116	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	3498	0.52	ug/L	0.00
41) Toluene-d8	7.91	98	8859	0.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	1330	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	6037	3.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	3593	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	3539	0.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	3200	0.547 ug/L	99
3) Chloromethane	1.53	50	3854	0.611 ug/L	99
5) Vinyl chloride	1.61	62	3450	0.560 ug/L	98
6) Bromomethane	1.87	94	2149	0.588 ug/L	96
8) Chloroethane	1.94	64	2341	0.573 ug/L	94
9) Trichlorofluoromethane	2.15	101	5381	0.561 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2801	0.536 ug/L	91
12) 1,1-Dichloroethene	2.59	96	2680	0.581 ug/L	80
13) Acetone	2.66	43	7825	5.484 ug/L #	65
14) Carbon disulfide	2.81	76	7480	0.551 ug/L	98
15) Methyl Acetate	2.97	43	1480	0.499 ug/L #	75
16) Methylene chloride	3.06	84	3527	0.609 ug/L	83
17) Methyl tert-butyl Ether	3.38	73	6118	0.484 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	2191	0.487 ug/L	81
19) 1,1-Dichloroethane	3.89	63	5267	0.524 ug/L	99
21) 2-Butanone	4.74	43	11572	5.342 ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	2677	0.527 ug/L	96
23) Bromochloromethane	4.99	128	1222	0.485 ug/L #	85
25) Chloroform	5.10	83	6606	0.606 ug/L	95
27) 1,2-Dichloroethane	5.81	62	4294	0.548 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	5312	0.595 ug/L	94
30) Cyclohexane	5.40	56	4021	0.545 ug/L	96
31) Carbon tetrachloride	5.55	117	4224m	0.615 ug/L	
33) Benzene	5.79	78	10654	0.539 ug/L	100
34) Trichloroethene	6.56	95	3049	0.570 ug/L	95
35) Methylcyclohexane	6.77	83	3670	0.517 ug/L	97
37) 1,2-Dichloropropane	6.80	63	3033	0.525 ug/L #	86
38) Bromodichloromethane	7.11	83	4276	0.566 ug/L #	82
39) cis-1,3-Dichloropropene	7.61	75	4168	0.517 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	24418	5.103 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	10696	0.506	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	3770	0.494	ug/L #	81
45) 1,1,2-Trichloroethane	8.40	97	2421	0.541	ug/L	89
47) Tetrachloroethene	8.56	164	2164	0.548	ug/L	83
48) 2-Hexanone	8.69	43	17069	4.779	ug/L	95
49) Dibromochloromethane	8.81	129	2794	0.527	ug/L	89
50) 1,2-Dibromoethane	8.93	107	2094	0.505	ug/L #	98
51) Chlorobenzene	9.45	112	7532	0.538	ug/L	96
52) Ethylbenzene	9.57	91	11489	0.509	ug/L	97
53) m,p-Xylene	9.69	106	3813	0.467	ug/L	97
54) o-Xylene	10.10	106	3847	0.490	ug/L	96
55) Styrene	10.11	104	6391	0.459	ug/L	100
56) Isopropylbenzene	10.48	105	9740	0.468	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.78	83	3352	0.573	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	2576	0.565	ug/L	99
61) Bromoform	10.29	173	1818	0.601	ug/L #	96
62) 1,3-Dichlorobenzene	11.74	146	5426	0.546	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	6013	0.587	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	5930	0.600	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.99	75	504	0.549	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	4024	0.569	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	3236	0.550	ug/L #	92
69) Naphthalene	14.08	128	4375	0.460	ug/L	96
70) 1,2,3-Trichlorobenzene	14.32	180	3190	0.584	ug/L	96

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

