

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041434.D
 Acq On : 30 Nov 2020 10:01
 Operator : SY/MD
 Sample : VSTD0.533
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5203

Quant Time: Dec 01 00:29:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 00:28:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78087	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	38786	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	2892	0.47	ug/L	0.00
7) Chloroethane-d5	1.92	69	2146	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	1381	0.49	ug/L	0.00
20) 2-Butanone-d5	4.66	46	8605	5.29	ug/L	0.00
24) Chloroform-d	5.08	84	5876	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	4165	0.55	ug/L	0.00
32) Benzene-d6	5.74	84	9160	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	3164	0.56	ug/L	0.00
41) Toluene-d8	7.90	98	8806	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	1543	0.51	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	5229	4.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.76	84	2835	0.48	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	3509	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	3910	0.434 ug/L	96
3) Chloromethane	1.53	50	3180	0.437 ug/L	96
5) Vinyl chloride	1.61	62	3136	0.441 ug/L	99
6) Bromomethane	1.86	94	1796	0.466 ug/L	99
8) Chloroethane	1.94	64	2770	0.627 ug/L	93
9) Trichlorofluoromethane	2.15	101	5211	0.410 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2434	0.407 ug/L	96
12) 1,1-Dichloroethene	2.59	96	1966	0.386 ug/L #	66
13) Acetone	2.66	43	6345	5.114 ug/L	76
14) Carbon disulfide	2.81	76	6189	0.423 ug/L	97
15) Methyl Acetate	2.97	43	976	0.387 ug/L #	73
16) Methylene chloride	3.06	84	3286	0.429 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	6670	0.456 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	2021	0.393 ug/L	92
19) 1,1-Dichloroethane	3.89	63	4545	0.436 ug/L	98
21) 2-Butanone	4.74	43	8521	4.814 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	2357	0.406 ug/L	88
23) Bromochloromethane	4.99	128	1270	0.455 ug/L	96
25) Chloroform	5.10	83	5828	0.473 ug/L	97
27) 1,2-Dichloroethane	5.81	62	4052	0.448 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	4840	0.437 ug/L	99
30) Cyclohexane	5.41	56	2977	0.378 ug/L	94
31) Carbon tetrachloride	5.54	117	4489	0.447 ug/L	97
33) Benzene	5.79	78	9695	0.444 ug/L	100
34) Trichloroethene	6.55	95	2878	0.492 ug/L	93
35) Methylcyclohexane	6.77	83	3449	0.426 ug/L	93
37) 1,2-Dichloropropane	6.80	63	2554	0.463 ug/L #	88
38) Bromodichloromethane	7.11	83	3991	0.457 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	3606	0.417 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	16751	4.289 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	9734	0.416	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	3529	0.421	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	2051	0.463	ug/L	94
47) Tetrachloroethene	8.56	164	1775	0.391	ug/L	97
48) 2-Hexanone	8.69	43	12611	4.162	ug/L	96
49) Dibromochloromethane	8.82	129	2711	0.462	ug/L	83
50) 1,2-Dibromoethane	8.93	107	1935	0.443	ug/L #	98
51) Chlorobenzene	9.45	112	6759	0.426	ug/L	99
52) Ethylbenzene	9.57	91	10744	0.400	ug/L	100
53) m,p-Xylene	9.69	106	3661	0.377	ug/L	99
54) o-Xylene	10.10	106	3471	0.372	ug/L	94
55) Styrene	10.11	104	5807	0.352	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	2689	0.457	ug/L #	96
59) Bromoform	10.29	173	1404	0.453	ug/L #	93
60) Isopropylbenzene	10.48	105	9299	0.392	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	2030	0.492	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.09	105	7487	0.371	ug/L	96
63) 1,2,4-Trimethylbenzene	11.47	105	7562	0.363	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	5065	0.419	ug/L	92
65) 1,4-Dichlorobenzene	11.83	146	5121	0.414	ug/L	91
67) 1,2-Dichlorobenzene	12.21	146	5343	0.456	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	528	0.492	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.21	180	3926	0.422	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	3032	0.391	ug/L	96
71) Naphthalene	14.08	128	4309	0.323	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.32	180	2570	0.354	ug/L	96

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

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