

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041437.D
 Acq On : 30 Nov 2020 11:15
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

Quant Time: Dec 01 00:30:42 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	63571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63311	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	34873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43376	8.64	ug/L	0.00
7) Chloroethane-d5	1.92	69	33768	9.30	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	22151	9.64	ug/L	0.00
20) 2-Butanone-d5	4.66	46	129530	96.78	ug/L	0.00
24) Chloroform-d	5.08	84	96505	9.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	61624	9.91	ug/L	0.00
32) Benzene-d6	5.74	84	161929	10.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	48934	10.69	ug/L	0.00
41) Toluene-d8	7.91	98	157384	10.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	26312	10.76	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	107477	113.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	46508	9.81	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	62464	10.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	71742	9.684 ug/L	99
3) Chloromethane	1.53	50	51288	8.571 ug/L	98
5) Vinyl chloride	1.61	62	54474	9.321 ug/L	98
6) Bromomethane	1.87	94	32943	10.401 ug/L	98
8) Chloroethane	1.94	64	31478	8.670 ug/L	100
9) Trichlorofluoromethane	2.15	101	105243	10.064 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	48367	9.846 ug/L	98
12) 1,1-Dichloroethene	2.59	96	42635	10.180 ug/L	91
13) Acetone	2.66	43	102811	100.793 ug/L	99
14) Carbon disulfide	2.81	76	118934	9.879 ug/L	99
15) Methyl Acetate	2.97	43	22407	10.804 ug/L	99
16) Methylene chloride	3.06	84	47068	7.469 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	127424	10.586 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	43719	10.331 ug/L	92
19) 1,1-Dichloroethane	3.89	63	82373	9.621 ug/L	95
21) 2-Butanone	4.73	43	142855	98.179 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	46377	9.718 ug/L	99
23) Bromochloromethane	4.99	128	22713	9.898 ug/L	96
25) Chloroform	5.11	83	98706	9.751 ug/L	97
27) 1,2-Dichloroethane	5.81	62	78188	10.526 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	95279	10.622 ug/L	98
30) Cyclohexane	5.40	56	72214	11.310 ug/L	99
31) Carbon tetrachloride	5.54	117	87124	10.690 ug/L	99
33) Benzene	5.79	78	191395	10.802 ug/L	100
34) Trichloroethene	6.55	95	52163	11.004 ug/L	97
35) Methylcyclohexane	6.77	83	75684	11.528 ug/L	97
37) 1,2-Dichloropropane	6.80	63	48878	10.933 ug/L	100
38) Bromodichloromethane	7.11	83	76725	10.844 ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	76317	10.892 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	373087	117.818 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	211049	11.118	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	76714	11.279	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	37748	10.507	ug/L	98
47) Tetrachloroethene	8.56	164	39893	10.834	ug/L	98
48) 2-Hexanone	8.69	43	280573	114.204	ug/L	100
49) Dibromochloromethane	8.82	129	51453	10.804	ug/L	100
50) 1,2-Dibromoethane	8.93	107	37164	10.494	ug/L	100
51) Chlorobenzene	9.45	112	133898	10.407	ug/L	99
52) Ethylbenzene	9.57	91	241265	11.087	ug/L	99
53) m,p-Xylene	9.70	106	89073	11.322	ug/L	98
54) o-Xylene	10.10	106	86648	11.458	ug/L	93
55) Styrene	10.11	104	154964	11.585	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.78	83	50080	10.487	ug/L	97
59) Bromoform	10.29	173	30847	11.061	ug/L	99
60) Isopropylbenzene	10.48	105	241197	11.321	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	38608	10.402	ug/L	95
62) 1,3,5-Trimethylbenzene	11.09	105	213425	11.756	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	219859	11.727	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	114801	10.560	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	115535	10.390	ug/L	97
67) 1,2-Dichlorobenzene	12.21	146	109087	10.348	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	10809	11.203	ug/L	91
69) 1,3,5-Trichlorobenzene	13.21	180	86668	10.358	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	75510	10.824	ug/L	97
71) Naphthalene	14.08	128	134373	11.205	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	69483	10.648	ug/L	99

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

