

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039280.D
 Acq On : 06 Jul 2020 10:10
 Operator : SY/MD
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Jul 06 10:59:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 06 10:57:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	11378	1.20	ug/L	0.00
7) Chloroethane-d5	1.92	69	10316	1.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	20232	1.06	ug/L	0.00
20) 2-Butanone-d5	4.66	46	40667	13.13	ug/L	0.00
24) Chloroform-d	5.08	84	21091	1.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	12954	1.15	ug/L	0.00
32) Benzene-d6	5.75	84	41823	1.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	13929	1.47	ug/L	0.00
41) Toluene-d8	7.91	98	37723	1.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	6380	1.32	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	32723	13.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	12537	1.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	14709	1.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7787	0.666	ug/L 92
3) Chloromethane	1.53	50	10655	0.834	ug/L 96
5) Vinyl chloride	1.61	62	11136	0.883	ug/L 92
6) Bromomethane	1.87	94	6285	0.813	ug/L 91
8) Chloroethane	1.94	64	6535	0.774	ug/L 85
9) Trichlorofluoromethane	2.15	101	16224	0.843	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	7890	0.837	ug/L 97
12) 1,1-Dichloroethene	2.59	96	8294	0.952	ug/L 95
13) Acetone	2.67	43	18455	8.293	ug/L 96
14) Carbon disulfide	2.81	76	25369	0.902	ug/L 99
15) Methyl Acetate	2.97	43	4763	0.942	ug/L 100
16) Methylene chloride	3.06	84	10434	0.937	ug/L 92
17) Methyl tert-butyl Ether	3.39	73	26399	0.926	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	8733	0.878	ug/L 91
19) 1,1-Dichloroethane	3.89	63	16501	0.822	ug/L 99
21) 2-Butanone	4.75	43	35673	10.086	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	9632	0.941	ug/L 98
23) Bromochloromethane	4.99	128	4157	0.835	ug/L 84
25) Chloroform	5.11	83	18100	0.870	ug/L 96
27) 1,2-Dichloroethane	5.81	62	13262	0.907	ug/L 99
29) 1,1,1-Trichloroethane	5.34	97	15418	0.977	ug/L 99
30) Cyclohexane	5.40	56	15413	1.093	ug/L 98
31) Carbon tetrachloride	5.54	117	12709	0.968	ug/L 99
33) Benzene	5.79	78	37339	1.043	ug/L 100
34) Trichloroethene	6.56	95	9661	1.042	ug/L 94
35) Methylcyclohexane	6.78	83	14861	1.083	ug/L 100
37) 1,2-Dichloropropane	6.80	63	10645	1.124	ug/L 99
38) Bromodichloromethane	7.11	83	13182	1.025	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	16209	1.095	ug/L 99
40) 4-Methyl-2-pentanone	7.80	43	87636	11.340	ug/L 100

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

42) Toluene	7.98	91	39499	0.982	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	13624	0.934	ug/L	94
45) 1,1,2-Trichloroethane	8.41	97	7422	0.937	ug/L	93
47) Tetrachloroethene	8.56	164	6857	0.993	ug/L	86
48) 2-Hexanone	8.69	43	63940	10.159	ug/L	100
49) Dibromochloromethane	8.82	129	9020	1.015	ug/L	95
50) 1,2-Dibromoethane	8.93	107	7730	1.029	ug/L #	98
51) Chlorobenzene	9.45	112	24749	0.968	ug/L	97
52) Ethylbenzene	9.57	91	43650	1.012	ug/L	98
53) m,p-Xylene	9.70	106	16495	1.045	ug/L	95
54) o-Xylene	10.10	106	16627	1.097	ug/L	96
55) Styrene	10.12	104	27187	1.017	ug/L	92
56) Isopropylbenzene	10.48	105	43448	1.077	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	10563	1.009	ug/L	97
59) 1,2,3-Trichloropropane	10.83	75	7559	0.965	ug/L	98
61) Bromoform	10.29	173	5285	1.048	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	20579	1.063	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	19306	1.003	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	19697	1.018	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	2027	1.041	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	14632	1.016	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	12371	1.018	ug/L	96
69) Naphthalene	14.08	128	21610	0.989	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	11446	1.013	ug/L	99

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

