

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040348.D
 Acq On : 29 Sep 2020 09:44
 Operator : SY/MD
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Sep 30 01:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:04:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	5910	0.85	ug/L	0.00
7) Chloroethane-d5	1.92	69	5548	0.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	14793	0.84	ug/L	0.00
20) 2-Butanone-d5	4.66	46	29153	10.13	ug/L	0.00
24) Chloroform-d	5.09	84	14660	0.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	9098	0.91	ug/L	0.00
32) Benzene-d6	5.74	84	24498	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	9243	0.92	ug/L	0.00
41) Toluene-d8	7.91	98	20550	0.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	3658	0.81	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	19265	8.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	9001	1.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	9248	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	12506	0.973	ug/L 99
3) Chloromethane	1.53	50	12991	1.046	ug/L 99
5) Vinyl chloride	1.61	62	12205	0.975	ug/L 99
6) Bromomethane	1.87	94	5877	0.927	ug/L 99
8) Chloroethane	1.94	64	7398	0.984	ug/L 96
9) Trichlorofluoromethane	2.15	101	16777	0.950	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	10322	0.899	ug/L 94
12) 1,1-Dichloroethene	2.59	96	9246	0.927	ug/L 97
13) Acetone	2.66	43	26211	10.218	ug/L 95
14) Carbon disulfide	2.81	76	29833	0.932	ug/L 99
15) Methyl Acetate	2.97	43	6568	0.999	ug/L 96
16) Methylene chloride	3.06	84	11936	0.913	ug/L 95
17) Methyl tert-butyl Ether	3.38	73	25598	0.867	ug/L 96
18) trans-1,2-Dichloroethene	3.37	96	10096	0.940	ug/L 96
19) 1,1-Dichloroethane	3.89	63	20143	0.916	ug/L 99
21) 2-Butanone	4.73	43	40574	9.569	ug/L 97
22) cis-1,2-Dichloroethene	4.68	96	10425	0.898	ug/L 95
23) Bromochloromethane	4.99	128	5062	0.996	ug/L 93
25) Chloroform	5.11	83	20567	0.913	ug/L 98
27) 1,2-Dichloroethane	5.81	62	14668	0.904	ug/L # 94
29) 1,1,1-Trichloroethane	5.33	97	16360	0.812	ug/L 99
30) Cyclohexane	5.40	56	16331	0.828	ug/L 96
31) Carbon tetrachloride	5.54	117	14193	0.820	ug/L 100
33) Benzene	5.79	78	40713	0.873	ug/L 100
34) Trichloroethene	6.56	95	11089	0.893	ug/L 97
35) Methylcyclohexane	6.77	83	13921	0.733	ug/L 93
37) 1,2-Dichloropropane	6.80	63	11761	0.937	ug/L 98
38) Bromodichloromethane	7.12	83	14012	0.822	ug/L 98
39) cis-1,3-Dichloropropene	7.62	75	14359	0.787	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	82983	8.077	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	41358	0.862	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	13498	0.797	ug/L	93
45) 1,1,2-Trichloroethane	8.41	97	8238	0.905	ug/L	95
47) Tetrachloroethene	8.56	164	7683	0.927	ug/L	95
48) 2-Hexanone	8.69	43	62435	8.361	ug/L	98
49) Dibromochloromethane	8.82	129	9342	0.854	ug/L	91
50) 1,2-Dibromoethane	8.93	107	8095	0.916	ug/L	79
51) Chlorobenzene	9.45	112	27196	0.906	ug/L	96
52) Ethylbenzene	9.57	91	43019	0.797	ug/L	97
53) m,p-Xylene	9.70	106	15526	0.801	ug/L	100
54) o-Xylene	10.10	106	13833	0.751	ug/L	96
55) Styrene	10.11	104	24362	0.757	ug/L	99
56) Isopropylbenzene	10.48	105	38860	0.776	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	11467	0.964	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	8582	0.925	ug/L	98
61) Bromoform	10.29	173	5193	0.888	ug/L #	94
62) 1,3-Dichlorobenzene	11.74	146	20516	0.872	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	21977	0.926	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	20402	0.898	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.99	75	1696	0.731	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	14431	0.876	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	10262	0.734	ug/L	95
69) Naphthalene	14.08	128	13990	0.500	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	9314	0.723	ug/L	98

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

