

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039315.D
 Acq On : 07 Jul 2020 14:35
 Operator : SY/MD
 Sample : VSTD02003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02003

Quant Time: Jul 07 14:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 14:10:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	125312	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119787	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65294	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145178	15.06	ug/L	0.00
7) Chloroethane-d5	1.93	69	157030	17.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	291123	16.25	ug/L	0.00
20) 2-Butanone-d5	4.66	46	705262	194.17	ug/L	0.00
24) Chloroform-d	5.09	84	331863	17.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	198435	17.37	ug/L	0.00
32) Benzene-d6	5.75	84	606026	16.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	210856	17.22	ug/L	0.00
41) Toluene-d8	7.91	98	529883	15.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	98325	17.36	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	603291	202.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	235746	20.18	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	251069	17.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	150041	21.055 ug/L	99
3) Chloromethane	1.53	50	168511	18.557 ug/L	100
5) Vinyl chloride	1.61	62	190185	20.371 ug/L	97
6) Bromomethane	1.87	94	93755	16.379 ug/L	96
8) Chloroethane	1.94	64	148552	23.247 ug/L	95
9) Trichlorofluoromethane	2.15	101	447736	27.419 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	145021	20.366 ug/L	100
12) 1,1-Dichloroethene	2.59	96	144099	20.300 ug/L	94
13) Acetone	2.66	43	331950	193.146 ug/L	100
14) Carbon disulfide	2.81	76	498879	22.042 ug/L	99
15) Methyl Acetate	2.97	43	86048	20.012 ug/L	96
16) Methylene chloride	3.06	84	163162	18.048 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	455762	19.518 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	157361	20.390 ug/L	96
19) 1,1-Dichloroethane	3.89	63	308909	19.978 ug/L	99
21) 2-Butanone	4.74	43	613540	196.139 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	175858	19.997 ug/L	97
23) Bromochloromethane	5.00	128	79240	19.998 ug/L	96
25) Chloroform	5.11	83	316112	19.627 ug/L	100
27) 1,2-Dichloroethane	5.81	62	231999	19.991 ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	276218	20.077 ug/L	98
30) Cyclohexane	5.41	56	289641	21.018 ug/L	99
31) Carbon tetrachloride	5.54	117	233144	20.154 ug/L	100
33) Benzene	5.79	78	678492	20.097 ug/L	100
34) Trichloroethene	6.56	95	176816	20.313 ug/L	97
35) Methylcyclohexane	6.78	83	294291	21.114 ug/L	98
37) 1,2-Dichloropropane	6.81	63	184264	19.564 ug/L	99
38) Bromodichloromethane	7.12	83	243058	19.794 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	292043	19.946 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	1573646	197.421 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	748620	20.372	ug/L	96
44) trans-1,3-Dichloropropene	8.22	75	269468	20.436	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	138738	19.806	ug/L	96
47) Tetrachloroethene	8.56	164	125765	20.558	ug/L	95
48) 2-Hexanone	8.69	43	1251875	211.179	ug/L	99
49) Dibromochloromethane	8.82	129	180644	20.538	ug/L	98
50) 1,2-Dibromoethane	8.93	107	143836	20.422	ug/L	99
51) Chlorobenzene	9.45	112	459324	20.213	ug/L	99
52) Ethylbenzene	9.57	91	891590	21.801	ug/L	97
53) m,p-Xylene	9.70	106	342892	22.225	ug/L	100
54) o-Xylene	10.10	106	344411	22.520	ug/L	99
55) Styrene	10.11	104	628952	23.521	ug/L	95
56) Isopropylbenzene	10.48	105	938706	22.665	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	205428	20.759	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	144094	20.357	ug/L	99
61) Bromoform	10.29	173	117225	20.137	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	403428	19.661	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	409587	20.322	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	402723	20.035	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	38701	19.303	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	286897	19.030	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	255650	19.610	ug/L	96
69) Naphthalene	14.08	128	547497	21.907	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	232389	19.549	ug/L	98

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

