

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080320\
 Data File : VU039740.D
 Acq On : 03 Aug 2020 15:23
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Aug 04 01:10:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 03 17:44:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	88320	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46717	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27428	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	1.92	69	25244	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.57	63	55567	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.80%
20) 2-Butanone-d5	4.66	46	110870	52.86	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	5.08	84	60390	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	35657	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	108287	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	34927	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.90	98	94773	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.18	79	14506	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.64	63	79383	52.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35213	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	42071	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	38907	5.463 ug/L	97
3) Chloromethane	1.53	50	41277	5.511 ug/L	93
5) Vinyl chloride	1.61	62	40179	5.595 ug/L	100
6) Bromomethane	1.86	94	23610	5.196 ug/L	100
8) Chloroethane	1.94	64	24806	4.711 ug/L	99
9) Trichlorofluoromethane	2.14	101	67528	6.047 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	32060	5.290 ug/L	94
12) 1,1-Dichloroethene	2.59	96	30641	5.816 ug/L	94
13) Acetone	2.66	43	72084	58.292 ug/L	94
14) Carbon disulfide	2.80	76	94348	5.727 ug/L	97
15) Methyl Acetate	2.97	43	15935	5.225 ug/L #	87
16) Methylene chloride	3.06	84	32046	3.773 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	74749	5.343 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	30095	5.131 ug/L	97
19) 1,1-Dichloroethane	3.89	63	54182	5.004 ug/L	96
21) 2-Butanone	4.74	43	104722	53.738 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	32039	5.022 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	15987	5.335	ug/L	95
25) Chloroform	5.11	83	56726	4.873	ug/L	98
27) 1,2-Dichloroethane	5.81	62	40647	5.067	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	48867	4.908	ug/L	98
30) Cyclohexane	5.40	56	51025	5.326	ug/L	98
31) Carbon tetrachloride	5.54	117	44135	4.831	ug/L	96
33) Benzene	5.79	78	122790	5.049	ug/L	100
34) Trichloroethene	6.55	95	31534	4.993	ug/L	96
35) Methylcyclohexane	6.77	83	52926	5.250	ug/L	97
37) 1,2-Dichloropropane	6.80	63	30523	4.726	ug/L	98
38) Bromodichloromethane	7.11	83	40515	4.794	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	45029	5.112	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	245132	50.787	ug/L	99
42) Toluene	7.97	91	131016	5.127	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	40838	5.146	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	24080	4.956	ug/L	95
47) Tetrachloroethene	8.56	164	25164	4.830	ug/L	93
48) 2-Hexanone	8.69	43	180886	51.898	ug/L	99
49) Dibromochloromethane	8.82	129	28562	4.791	ug/L	97
50) 1,2-Dibromoethane	8.93	107	23960	5.029	ug/L	97
51) Chlorobenzene	9.45	112	86999	5.066	ug/L	95
52) Ethylbenzene	9.57	91	141024	4.931	ug/L	96
53) m,p-Xylene	9.69	106	55917	5.134	ug/L	87
54) o-Xylene	10.10	106	56066	5.257	ug/L	100
55) Styrene	10.11	104	94601	5.267	ug/L	98
56) Isopropylbenzene	10.48	105	145043	5.088	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	31749	4.750	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	23157	4.970	ug/L	99
61) Bromoform	10.29	173	16793	5.320	ug/L	93
62) 1,3-Dichlorobenzene	11.74	146	70462	5.153	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	74042	5.137	ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	68226	5.065	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5601	5.500	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	61705	5.955	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	46407	5.344	ug/L	98
69) Naphthalene	14.08	128	88778	5.718	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	43752	5.616	ug/L	99

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

