

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039591.D
 Acq On : 21 Jul 2020 11:40
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV05

Quant Time: Jul 22 01:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 01:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57829	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28788	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.92	69	30882	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	65547	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	4.65	46	130930	50.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	5.08	84	76819	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.72	65	46968	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	142640	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	45887	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	134904	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.19	79	20599	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.64	63	98215	49.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42437	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54526	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	33160	5.450 ug/L	94
3) Chloromethane	1.53	50	35597	5.388 ug/L	98
5) Vinyl chloride	1.61	62	37873	5.343 ug/L	98
6) Bromomethane	1.87	94	24752	5.417 ug/L	93
8) Chloroethane	1.94	64	28864	4.926 ug/L	96
9) Trichlorofluoromethane	2.15	101	72477	4.841 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	32879	5.088 ug/L	95
12) 1,1-Dichloroethene	2.59	96	30109	5.118 ug/L	98
13) Acetone	2.66	43	68967	47.586 ug/L	99
14) Carbon disulfide	2.81	76	93005	5.255 ug/L	100
15) Methyl Acetate	2.97	43	17505	4.944 ug/L	99
16) Methylene chloride	3.06	84	37412	4.402 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	95646	5.116 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	34729	5.317 ug/L	94
19) 1,1-Dichloroethane	3.89	63	69094	5.158 ug/L	100
21) 2-Butanone	4.73	43	126848	50.525 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	38940	5.118 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	18961	5.366	ug/L	96
25) Chloroform	5.11	83	75899	4.969	ug/L	95
27) 1,2-Dichloroethane	5.81	62	54215	5.219	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	66887	5.352	ug/L	97
30) Cyclohexane	5.40	56	60467	5.494	ug/L	98
31) Carbon tetrachloride	5.54	117	57639	5.391	ug/L	99
33) Benzene	5.79	78	151424	5.328	ug/L	100
34) Trichloroethene	6.55	95	41087	5.250	ug/L	97
35) Methylcyclohexane	6.77	83	60110	5.228	ug/L	97
37) 1,2-Dichloropropane	6.80	63	40706	5.146	ug/L	100
38) Bromodichloromethane	7.12	83	56280	5.407	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	60830	5.354	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	316208	51.212	ug/L	99
42) Toluene	7.98	91	165722	5.326	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	53087	5.116	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	31580	5.259	ug/L	96
47) Tetrachloroethene	8.56	164	29689	5.546	ug/L	98
48) 2-Hexanone	8.69	43	230740	50.487	ug/L	100
49) Dibromochloromethane	8.82	129	38526	5.277	ug/L	95
50) 1,2-Dibromoethane	8.93	107	30402	5.167	ug/L	97
51) Chlorobenzene	9.45	112	107684	5.408	ug/L	97
52) Ethylbenzene	9.57	91	187271	5.291	ug/L	99
53) m,p-Xylene	9.70	106	69955	5.297	ug/L	95
54) o-Xylene	10.10	106	67024	5.197	ug/L	98
55) Styrene	10.11	104	115225	5.320	ug/L	100
56) Isopropylbenzene	10.48	105	187186	5.317	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	40879	5.265	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	29796	5.135	ug/L	99
61) Bromoform	10.29	173	21930	5.355	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	86474	5.503	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	84692	5.354	ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	82844	5.459	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	7280	6.274	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	64986	5.746	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	55567	5.983	ug/L	97
69) Naphthalene	14.08	128	101401	6.447	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	49048	5.944	ug/L	99

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

