

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038843.D
 Acq On : 12 Jun 2020 11:23
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Jun 13 00:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 11:07:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	310384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	155927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85921	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.93	69	69216	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	192185	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.68	46	273488	51.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	5.10	84	183936	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.74	65	102429	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	364809	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.72	67	105332	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.92	98	332524	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.20	79	47660	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.66	63	229484	54.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92076	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	127794	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	145188	4.802	ug/L 98
3) Chloromethane	1.53	50	124774	5.003	ug/L 96
5) Vinyl chloride	1.62	62	132952	5.017	ug/L 98
6) Bromomethane	1.88	94	76585	5.037	ug/L 100
8) Chloroethane	1.95	64	77706	4.748	ug/L 99
9) Trichlorofluoromethane	2.16	101	190275	4.838	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	108823	4.838	ug/L 98
12) 1,1-Dichloroethene	2.61	96	103751	4.773	ug/L 89
13) Acetone	2.67	43	212874	49.421	ug/L 100
14) Carbon disulfide	2.82	76	364211	4.922	ug/L 99
15) Methyl Acetate	2.98	43	51719	4.915	ug/L 100
16) Methylene chloride	3.08	84	116834	4.675	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	277247	4.950	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	112761	4.831	ug/L 98
19) 1,1-Dichloroethane	3.91	63	201273	4.791	ug/L 97
21) 2-Butanone	4.76	43	359091	50.751	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	116450	4.790	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	53161	4.665	ug/L	93
25) Chloroform	5.12	83	204733	4.727	ug/L	95
27) 1,2-Dichloroethane	5.83	62	143272	4.745	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	180887	4.798	ug/L	99
30) Cyclohexane	5.42	56	181933	4.980	ug/L	98
31) Carbon tetrachloride	5.56	117	154778	4.864	ug/L	100
33) Benzene	5.81	78	450059	4.876	ug/L	100
34) Trichloroethene	6.57	95	118560	4.919	ug/L	96
35) Methylcyclohexane	6.79	83	179637	4.793	ug/L	99
37) 1,2-Dichloropropane	6.82	63	112100	4.821	ug/L	100
38) Bromodichloromethane	7.13	83	144375	4.786	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	168963	4.902	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	789307	50.721	ug/L	99
42) Toluene	8.00	91	480129	4.927	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	149306	4.863	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	86773	4.893	ug/L	98
47) Tetrachloroethene	8.57	164	89911	4.845	ug/L	98
48) 2-Hexanone	8.71	43	612338	51.223	ug/L	99
49) Dibromochloromethane	8.84	129	98036	4.952	ug/L	99
50) 1,2-Dibromoethane	8.95	107	82670	4.776	ug/L	99
51) Chlorobenzene	9.47	112	307135	4.894	ug/L	97
52) Ethylbenzene	9.59	91	531747	4.953	ug/L	99
53) m,p-Xylene	9.71	106	211027	5.202	ug/L	94
54) o-Xylene	10.12	106	196733	5.051	ug/L	96
55) Styrene	10.13	104	342674	5.113	ug/L	98
56) Isopropylbenzene	10.50	105	529778	5.088	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	106479	4.829	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	82677	4.793	ug/L	99
61) Bromoform	10.31	173	54985	4.896	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	251225	4.991	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	254203	4.951	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	238762	5.042	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	19961	5.197	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	184417	5.001	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	173201	5.308	ug/L	98
69) Naphthalene	14.12	128	355707	5.742	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	163762	5.490	ug/L	99

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

