

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039316.D
 Acq On : 07 Jul 2020 15:14
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV04

Quant Time: Jul 08 01:32:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 15:01:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115617	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50737	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36690	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.92	69	34356	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.58	63	70453	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.80%
20) 2-Butanone-d5	4.66	46	175321	57.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.36%
24) Chloroform-d	5.08	84	79845	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.72	65	48318	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.74	84	145188	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.70	67	49887	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.91	98	121339	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	8.19	79	22898	5.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.40%
46) 2-Hexanone-d5	8.64	63	136639	58.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.02%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49140	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50301	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	36578	5.220	ug/L 99
3) Chloromethane	1.53	50	43594	5.135	ug/L 98
5) Vinyl chloride	1.61	62	47975	5.089	ug/L 97
6) Bromomethane	1.87	94	22432	5.525	ug/L 96
8) Chloroethane	1.94	64	30671	4.503	ug/L 97
9) Trichlorofluoromethane	2.15	101	79740	4.871	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	33969	5.057	ug/L 99
12) 1,1-Dichloroethene	2.59	96	34075	4.956	ug/L 92
13) Acetone	2.66	43	83012	50.159	ug/L 99
14) Carbon disulfide	2.81	76	122095	5.040	ug/L 99
15) Methyl Acetate	2.97	43	21825	4.993	ug/L 97
16) Methylene chloride	3.06	84	42295	4.890	ug/L 96
17) Methyl tert-butyl Ether	3.38	73	112189	5.178	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	38229	5.022	ug/L 98
19) 1,1-Dichloroethane	3.89	63	75421	5.064	ug/L 96
21) 2-Butanone	4.74	43	155369	52.598	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	42701	5.003	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	20504	5.288	ug/L	96
25) Chloroform	5.11	83	76194	5.066	ug/L	98
27) 1,2-Dichloroethane	5.81	62	55925	5.140	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	63261	5.096	ug/L	98
30) Cyclohexane	5.40	56	67204	5.142	ug/L	98
31) Carbon tetrachloride	5.54	117	53239	5.027	ug/L	99
33) Benzene	5.79	78	165098	5.239	ug/L	100
34) Trichloroethene	6.56	95	42275	5.189	ug/L	95
35) Methylcyclohexane	6.77	83	65632	5.029	ug/L	99
37) 1,2-Dichloropropane	6.80	63	44565	5.188	ug/L	99
38) Bromodichloromethane	7.12	83	56927	5.190	ug/L	92
39) cis-1,3-Dichloropropene	7.62	75	67886	5.228	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	382032	53.313	ug/L	99
42) Toluene	7.98	91	173009	5.127	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	60195	5.225	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	33261	5.391	ug/L	94
47) Tetrachloroethene	8.56	164	29102	5.136	ug/L	97
48) 2-Hexanone	8.69	43	285939	54.118	ug/L	99
49) Dibromochloromethane	8.82	129	40429	5.410	ug/L	96
50) 1,2-Dibromoethane	8.93	107	32917	5.251	ug/L	99
51) Chlorobenzene	9.45	112	105314	5.108	ug/L	97
52) Ethylbenzene	9.57	91	187514	5.028	ug/L	99
53) m,p-Xylene	9.70	106	70577	5.023	ug/L	99
54) o-Xylene	10.10	106	67223	4.914	ug/L	99
55) Styrene	10.12	104	119531	5.022	ug/L	100
56) Isopropylbenzene	10.48	105	178056	4.813	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	43742	5.093	ug/L	95
59) 1,2,3-Trichloropropane	10.83	75	32938	5.203	ug/L	97
61) Bromoform	10.29	173	22472	5.255	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	82133	5.166	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	82758	5.189	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	80933	5.078	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	8718	6.192	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	62849	5.282	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	56938	5.592	ug/L	96
69) Naphthalene	14.08	128	121570	5.934	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	52796	5.596	ug/L	97

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

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