

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039284.D
 Acq On : 06 Jul 2020 11:43
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Jul 07 01:04:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 06 12:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	136469	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52572	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	46156	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	98271	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.66	46	204740	51.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	5.09	84	104038	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	62980	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	199750	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.71	67	64961	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	181716	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	8.19	79	30555	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.64	63	162846	51.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.20%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	60732	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	69446	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	40824	5.260	ug/L 98
3) Chloromethane	1.53	50	49422	4.998	ug/L 96
5) Vinyl chloride	1.61	62	49893	4.907	ug/L 95
6) Bromomethane	1.87	94	31415	5.040	ug/L 99
8) Chloroethane	1.94	64	31628	4.545	ug/L 98
9) Trichlorofluoromethane	2.15	101	88268	4.964	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	38894	5.015	ug/L 99
12) 1,1-Dichloroethene	2.60	96	37419	4.840	ug/L 87
13) Acetone	2.67	43	94033	50.240	ug/L 99
14) Carbon disulfide	2.81	76	122988	4.990	ug/L 100
15) Methyl Acetate	2.97	43	23397	4.996	ug/L 97
16) Methylene chloride	3.06	84	45837	4.656	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	124683	4.903	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	41828	4.977	ug/L 96
19) 1,1-Dichloroethane	3.89	63	82940	4.925	ug/L 98
21) 2-Butanone	4.74	43	169356	49.714	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	47676	4.978	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	21848	5.063	ug/L	97
25) Chloroform	5.11	83	84167	4.799	ug/L	99
27) 1,2-Dichloroethane	5.81	62	61292	4.850	ug/L #	95
29) 1,1,1-Trichloroethane	5.34	97	73530	5.056	ug/L	99
30) Cyclohexane	5.41	56	74907	5.142	ug/L	98
31) Carbon tetrachloride	5.55	117	60933	4.983	ug/L	98
33) Benzene	5.79	78	176972	4.959	ug/L	100
34) Trichloroethene	6.56	95	47170	5.126	ug/L	97
35) Methylcyclohexane	6.78	83	74416	5.050	ug/L	99
37) 1,2-Dichloropropane	6.81	63	49920	5.014	ug/L	100
38) Bromodichloromethane	7.12	83	63713	4.908	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	77604	5.014	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	420174	49.865	ug/L	100
42) Toluene	7.98	91	192448	4.954	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	69168	4.962	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	36356	4.910	ug/L	96
47) Tetrachloroethene	8.56	164	32707	5.058	ug/L	96
48) 2-Hexanone	8.69	43	311714	49.743	ug/L	98
49) Dibromochloromethane	8.82	129	45091	4.850	ug/L	100
50) 1,2-Dibromoethane	8.93	107	35848	4.815	ug/L	97
51) Chlorobenzene	9.45	112	117014	4.871	ug/L	98
52) Ethylbenzene	9.57	91	215547	4.986	ug/L	100
53) m,p-Xylene	9.70	106	79178	4.855	ug/L	100
54) o-Xylene	10.10	106	79007	4.887	ug/L	97
55) Styrene	10.12	104	135292	4.786	ug/L	95
56) Isopropylbenzene	10.48	105	208660	4.766	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	50828	4.859	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	36247	4.844	ug/L	97
61) Bromoform	10.29	173	26794	4.874	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	95737	4.941	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	94213	4.950	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	95149	5.013	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10462	5.526	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	74359	5.223	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	67216	5.460	ug/L	100
69) Naphthalene	14.08	128	144993	6.144	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	62066	5.529	ug/L	99

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

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