

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061920\
 Data File : VU038990.D
 Acq On : 19 Jun 2020 17:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV04

Quant Time: Jun 20 05:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 20 05:37:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291017	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	287928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	131878	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	99742	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	236557	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.67	46	398501	49.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.38%
24) Chloroform-d	5.10	84	227777	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.74	65	127522	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	445588	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.72	67	142861	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	480696	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
43) trans-1,3-Dichloropropene-	8.20	79	75485	5.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.60%
46) 2-Hexanone-d5	8.66	63	361198	61.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122945	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	154193	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	138129	4.640 ug/L	99
3) Chloromethane	1.53	50	134402	4.560 ug/L	97
5) Vinyl chloride	1.62	62	146364	4.761 ug/L	99
6) Bromomethane	1.87	94	60310	5.110 ug/L	97
8) Chloroethane	1.95	64	84753	4.845 ug/L	98
9) Trichlorofluoromethane	2.16	101	181029	4.523 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	107153	4.552 ug/L	98
12) 1,1-Dichloroethene	2.61	96	101501	4.708 ug/L	99
13) Acetone	2.67	43	226942	45.515 ug/L	100
14) Carbon disulfide	2.82	76	350718	4.774 ug/L	99
15) Methyl Acetate	2.98	43	55424	4.475 ug/L	98
16) Methylene chloride	3.08	84	119020	4.488 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	275425	4.820 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	109813	4.821 ug/L	97
19) 1,1-Dichloroethane	3.91	63	208979	4.752 ug/L	97
21) 2-Butanone	4.75	43	389062	48.370 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	117034	4.847 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	53354	4.842	ug/L	95
25) Chloroform	5.12	83	204324	4.712	ug/L	98
27) 1,2-Dichloroethane	5.83	62	143235	4.581	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	178338	4.799	ug/L	100
30) Cyclohexane	5.42	56	176431	4.803	ug/L	98
31) Carbon tetrachloride	5.56	117	148902	4.766	ug/L	98
33) Benzene	5.81	78	452717	4.821	ug/L	100
34) Trichloroethene	6.57	95	112522	4.795	ug/L	97
35) Methylcyclohexane	6.79	83	175224	4.843	ug/L	100
37) 1,2-Dichloropropane	6.82	63	118873	4.694	ug/L	99
38) Bromodichloromethane	7.13	83	147998	4.494	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	217591	5.437	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1172149	54.596	ug/L	98
42) Toluene	7.99	91	561990	5.356	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	193570	5.523	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	104129	5.206	ug/L	99
47) Tetrachloroethene	8.57	164	97056	5.437	ug/L	97
48) 2-Hexanone	8.71	43	807086	56.113	ug/L	99
49) Dibromochloromethane	8.83	129	99252	4.594	ug/L	100
50) 1,2-Dibromoethane	8.95	107	83135	4.480	ug/L	98
51) Chlorobenzene	9.47	112	291058	4.761	ug/L	99
52) Ethylbenzene	9.59	91	491466	4.671	ug/L	100
53) m,p-Xylene	9.71	106	190157	4.804	ug/L	99
54) o-Xylene	10.12	106	186461	4.854	ug/L	99
55) Styrene	10.13	104	325019	4.929	ug/L	99
56) Isopropylbenzene	10.50	105	482832	4.851	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	117098	4.769	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	88218	4.839	ug/L	99
61) Bromoform	10.31	173	55834	4.587	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	237539	4.883	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	243812	4.877	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	227559	4.877	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	21589	4.956	ug/L	97
67) 1,3,5-Trichlorobenzene	13.25	180	175267	4.709	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	163172	4.941	ug/L	99
69) Naphthalene	14.12	128	318400	5.253	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	154620	4.903	ug/L	100

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

