

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036729.D
 Acq On : 11 Feb 2020 17:56
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Feb 12 08:15:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 12 08:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	126697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	116406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52036	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.93	69	45168	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	88020	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.68	46	115667	50.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	5.11	84	83814	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	46461	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.77	84	178205	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.73	67	55903	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	165242	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.21	79	21993	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.67	63	102824	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43234	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	53273	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	38880	4.647 ug/L	97
3) Chloromethane	1.54	50	40869	4.693 ug/L	99
5) Vinyl chloride	1.62	62	48826	4.800 ug/L	99
6) Bromomethane	1.87	94	28935	4.734 ug/L	97
8) Chloroethane	1.95	64	32243	4.537 ug/L	98
9) Trichlorofluoromethane	2.16	101	62912	4.701 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	39305	4.599 ug/L	98
12) 1,1-Dichloroethene	2.61	96	37076	4.811 ug/L	93
13) Acetone	2.66	43	130221	44.569 ug/L	99
14) Carbon disulfide	2.82	76	86784	4.666 ug/L	100
15) Methyl Acetate	2.99	43	18645	4.809 ug/L	98
16) Methylene chloride	3.08	84	51219	3.943 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	109166	4.783 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	38226	4.806 ug/L	98
19) 1,1-Dichloroethane	3.92	63	80244	4.812 ug/L	99
21) 2-Butanone	4.76	43	160299	47.164 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	47427	4.928 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	18833	4.922	ug/L	93
25) Chloroform	5.13	83	81367	4.568	ug/L	97
27) 1,2-Dichloroethane	5.84	62	53350	4.699	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	61665	4.823	ug/L	99
30) Cyclohexane	5.43	56	65832	4.848	ug/L	97
31) Carbon tetrachloride	5.57	117	49462	4.796	ug/L	98
33) Benzene	5.82	78	172879	4.815	ug/L	100
34) Trichloroethene	6.58	95	44438	4.859	ug/L	97
35) Methylcyclohexane	6.80	83	69143	4.765	ug/L	99
37) 1,2-Dichloropropane	6.83	63	46828	4.777	ug/L	100
38) Bromodichloromethane	7.14	83	56400	4.821	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	69750	4.917	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	315385	49.852	ug/L	100
42) Toluene	8.00	91	189391	4.911	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	55862	5.039	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	32820	4.812	ug/L	100
47) Tetrachloroethene	8.58	164	29518	4.745	ug/L	97
48) 2-Hexanone	8.72	43	268550	49.604	ug/L	99
49) Dibromochloromethane	8.84	129	34345	4.869	ug/L	99
50) 1,2-Dibromoethane	8.95	107	30090	4.885	ug/L	94
51) Chlorobenzene	9.47	112	115617	4.847	ug/L	99
52) Ethylbenzene	9.60	91	210099	4.878	ug/L	100
53) m,p-Xylene	9.72	106	76509	4.827	ug/L	94
54) o-Xylene	10.13	106	76432	4.911	ug/L	96
55) Styrene	10.14	104	127817	4.871	ug/L	98
56) Isopropylbenzene	10.51	105	204367	4.906	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	44833	5.022	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	32120	4.962	ug/L	98
61) Bromoform	10.32	173	17987	4.851	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	88282	4.761	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	88465	4.813	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	85577	4.787	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	6708	5.029	ug/L	91
67) 1,3,5-Trichlorobenzene	13.23	180	65855	5.045	ug/L	98
68) 1,2,4-trichlorobenzene	13.85	180	55007	5.588	ug/L	98
69) Naphthalene	14.10	128	107391	6.021	ug/L	99
70) 1,2,3-Trichlorobenzene	14.34	180	50698	5.739	ug/L	99

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

