

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102519\
 Data File : VU035484.D
 Acq On : 25 Oct 2019 13:22
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Oct 25 23:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 23:56:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213400	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	233739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	129211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148563	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.93	69	118019	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	234751	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.70	46	301980	53.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.52%
24) Chloroform-d	5.11	84	219611	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.75	65	113778	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	438299	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.73	67	144120	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.93	98	402103	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	8.21	79	57785	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.68	63	235920	58.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117551	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	139569	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	138520	4.804 ug/L	99
3) Chloromethane	1.54	50	152869	4.538 ug/L	99
5) Vinyl chloride	1.62	62	168568	5.052 ug/L	95
6) Bromomethane	1.87	94	82720	4.765 ug/L	100
8) Chloroethane	1.95	64	88075	4.476 ug/L	97
9) Trichlorofluoromethane	2.16	101	166468	4.306 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100330	4.607 ug/L	99
12) 1,1-Dichloroethene	2.61	96	98749	4.863 ug/L	98
13) Acetone	2.67	43	206447	48.388 ug/L	98
14) Carbon disulfide	2.82	76	351248	4.888 ug/L	99
15) Methyl Acetate	3.00	43	48569	4.966 ug/L	95
16) Methylene chloride	3.08	84	119332	4.536 ug/L	98
17) Methyl tert-butyl Ether	3.43	73	242334	4.935 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	108334	4.904 ug/L	98
19) 1,1-Dichloroethane	3.92	63	213369	4.895 ug/L	99
21) 2-Butanone	4.78	43	313083	50.577 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	118733	5.038 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	52635	4.829	ug/L	96
25) Chloroform	5.14	83	215549	4.662	ug/L	100
27) 1,2-Dichloroethane	5.84	62	135395	4.962	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	173968	4.953	ug/L	99
30) Cyclohexane	5.43	56	181345	5.054	ug/L	97
31) Carbon tetrachloride	5.57	117	153554	4.900	ug/L	99
33) Benzene	5.82	78	468031	5.027	ug/L	100
34) Trichloroethene	6.58	95	113617	4.968	ug/L	99
35) Methylcyclohexane	6.80	83	177361	5.011	ug/L	98
37) 1,2-Dichloropropane	6.84	63	123136	5.006	ug/L	99
38) Bromodichloromethane	7.15	83	149966	4.915	ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	168976	4.936	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	757614	52.023	ug/L	100
42) Toluene	8.01	91	486397	5.119	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	144643	5.341	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	84479	4.946	ug/L	98
47) Tetrachloroethene	8.58	164	92430	4.922	ug/L	99
48) 2-Hexanone	8.73	43	545939	55.742	ug/L	98
49) Dibromochloromethane	8.84	129	100806	5.043	ug/L	99
50) 1,2-Dibromoethane	8.96	107	80781	5.088	ug/L #	97
51) Chlorobenzene	9.48	112	304669	5.088	ug/L	99
52) Ethylbenzene	9.60	91	509779	5.136	ug/L	100
53) m,p-Xylene	9.72	106	194289	5.360	ug/L	100
54) o-Xylene	10.13	106	183186	5.188	ug/L	100
55) Styrene	10.14	104	313911	5.443	ug/L	99
56) Isopropylbenzene	10.51	105	482059	5.228	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	111202	4.978	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	78571	4.985	ug/L	98
61) Bromoform	10.32	173	57254	4.561	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	225382	5.108	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	220451	5.021	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	213244	5.031	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	14565	5.118	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	141598	5.195	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	82704	5.457	ug/L	96
69) Naphthalene	14.11	128	106146	5.130	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	84527	5.598	ug/L	98

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

