

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037698.D
 Acq On : 14 Apr 2020 13:53
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV04

Quant Time: Apr 14 15:24:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 14 15:15:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	296389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126616	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.93	69	109113	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.59	63	224175	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	4.68	46	379248	57.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.96%
24) Chloroform-d	5.10	84	206823	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.74	65	117214	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.76	84	432888	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.72	67	141771	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.92	98	394131	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	8.20	79	64467	5.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.00%
46) 2-Hexanone-d5	8.66	63	340630	56.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.68%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	115013	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	143715	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	139785	5.075 ug/L	99
3) Chloromethane	1.53	50	167486	4.919 ug/L	99
5) Vinyl chloride	1.62	62	169327	5.062 ug/L	100
6) Bromomethane	1.87	94	99506	5.181 ug/L	96
8) Chloroethane	1.95	64	99349	5.058 ug/L	99
9) Trichlorofluoromethane	2.16	101	177647	4.949 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	105515	5.049 ug/L	100
12) 1,1-Dichloroethene	2.60	96	110772	5.056 ug/L	99
13) Acetone	2.67	43	222190	51.077 ug/L	99
14) Carbon disulfide	2.82	76	397793	4.973 ug/L	100
15) Methyl Acetate	2.99	43	61700	5.101 ug/L	98
16) Methylene chloride	3.08	84	123099	4.984 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	321281	5.064 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	121183	5.102 ug/L	99
19) 1,1-Dichloroethane	3.91	63	232281	5.056 ug/L	99
21) 2-Butanone	4.76	43	418703	52.975 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	130041	5.067 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	54892	5.046	ug/L	95
25) Chloroform	5.13	83	217215	4.977	ug/L	98
27) 1,2-Dichloroethane	5.83	62	147983	5.016	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	184214	5.122	ug/L	99
30) Cyclohexane	5.42	56	224866	5.052	ug/L	99
31) Carbon tetrachloride	5.56	117	147402	5.144	ug/L	97
33) Benzene	5.81	78	504163	5.148	ug/L	100
34) Trichloroethene	6.57	95	123808	5.144	ug/L	99
35) Methylcyclohexane	6.79	83	214268	5.080	ug/L	99
37) 1,2-Dichloropropane	6.82	63	137079	5.278	ug/L	99
38) Bromodichloromethane	7.14	83	160663	5.202	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	210049	5.167	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	1013533	53.081	ug/L	99
42) Toluene	8.00	91	523696	5.105	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	182805	5.180	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	90490	5.170	ug/L	99
47) Tetrachloroethene	8.58	164	89983	5.203	ug/L	96
48) 2-Hexanone	8.71	43	728230	53.269	ug/L	99
49) Dibromochloromethane	8.83	129	102880	5.144	ug/L	94
50) 1,2-Dibromoethane	8.95	107	87537	5.201	ug/L	98
51) Chlorobenzene	9.47	112	323669	5.172	ug/L	100
52) Ethylbenzene	9.59	91	579934	5.082	ug/L	99
53) m,p-Xylene	9.72	106	221804	5.135	ug/L	100
54) o-Xylene	10.12	106	216569	5.094	ug/L	99
55) Styrene	10.13	104	377104	5.189	ug/L	100
56) Isopropylbenzene	10.50	105	569292	5.105	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	117286	5.148	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	88145	5.186	ug/L	98
61) Bromoform	10.31	173	60895	5.140	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	259128	5.189	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	256397	5.120	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	241380	5.135	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	22008	5.050	ug/L	97
67) 1,3,5-Trichlorobenzene	13.25	180	196138	5.356	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	186833	5.558	ug/L	99
69) Naphthalene	14.12	128	383004	5.626	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	169491	5.659	ug/L	97

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

