

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042020\
 Data File : VU037805.D
 Acq On : 20 Apr 2020 10:38
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Apr 21 01:07:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 20 14:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	285876	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	276560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97484	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	85050	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	188610	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.66	46	300474	50.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	5.10	84	177318	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	102834	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	363523	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	120680	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.93	98	337221	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	53109	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.66	63	273710	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96715	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	121451	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	142650	5.752	ug/L 100
3) Chloromethane	1.54	50	136961	4.467	ug/L 100
5) Vinyl chloride	1.62	62	167041	5.545	ug/L 100
6) Bromomethane	1.87	94	83947	4.854	ug/L 98
8) Chloroethane	1.95	64	95272	5.386	ug/L 100
9) Trichlorofluoromethane	2.16	101	183824	5.687	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	105871	5.626	ug/L 98
12) 1,1-Dichloroethene	2.60	96	102954	5.219	ug/L 94
13) Acetone	2.65	43	221151	56.458	ug/L 95
14) Carbon disulfide	2.82	76	366284	5.085	ug/L 99
15) Methyl Acetate	2.98	43	59685	5.480	ug/L 99
16) Methylene chloride	3.08	84	119332	5.365	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	311857	5.459	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	113613	5.312	ug/L 98
19) 1,1-Dichloroethane	3.91	63	234090	5.658	ug/L 99
21) 2-Butanone	4.74	43	401631	56.433	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	127065	5.498	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	53419	5.454	ug/L	93
25) Chloroform	5.13	83	227660	5.793	ug/L	100
27) 1,2-Dichloroethane	5.83	62	155963	5.871	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	191679	5.712	ug/L	99
30) Cyclohexane	5.42	56	233524	5.622	ug/L	98
31) Carbon tetrachloride	5.56	117	156142	5.839	ug/L	99
33) Benzene	5.81	78	505276	5.530	ug/L	100
34) Trichloroethene	6.57	95	126950	5.653	ug/L	96
35) Methylcyclohexane	6.79	83	223451	5.678	ug/L	98
37) 1,2-Dichloropropane	6.82	63	138389	5.710	ug/L	99
38) Bromodichloromethane	7.13	83	164994	5.726	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	213475	5.627	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1001330	56.202	ug/L	98
42) Toluene	8.00	91	536055	5.601	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	186894	5.675	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	89405	5.475	ug/L	99
47) Tetrachloroethene	8.58	164	91544	5.673	ug/L	97
48) 2-Hexanone	8.71	43	715515	56.091	ug/L	99
49) Dibromochloromethane	8.84	129	104353	5.591	ug/L	97
50) 1,2-Dibromoethane	8.95	107	85935	5.472	ug/L #	98
51) Chlorobenzene	9.47	112	329163	5.637	ug/L	100
52) Ethylbenzene	9.59	91	607961	5.709	ug/L	98
53) m,p-Xylene	9.71	106	227912	5.655	ug/L	99
54) o-Xylene	10.12	106	223171	5.626	ug/L	99
55) Styrene	10.13	104	382487	5.641	ug/L	98
56) Isopropylbenzene	10.50	105	597193	5.740	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	118950	5.595	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	87615	5.524	ug/L	100
61) Bromoform	10.31	173	59965	5.359	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	265504	5.629	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	265787	5.619	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	244996	5.518	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	22092	5.368	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	201307	5.820	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	181893	5.730	ug/L	98
69) Naphthalene	14.12	128	338589	5.266	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	156687	5.539	ug/L	99

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

