

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037721.D
 Acq On : 15 Apr 2020 00:48
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00547

Quant Time: Apr 15 03:07:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 03:02:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	275986	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	265000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104767	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	89160	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	183654	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	4.66	46	316313	55.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.30%
24) Chloroform-d	5.10	84	172388	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.74	65	100079	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.76	84	363317	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.72	67	121880	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.92	98	326020	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	52854	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.65	63	280403	52.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95057	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	116422	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	114005	4.762	ug/L 99
3) Chloromethane	1.53	50	119967	4.053	ug/L 99
5) Vinyl chloride	1.62	62	137553	4.730	ug/L 96
6) Bromomethane	1.87	94	38538	2.308	ug/L 99
8) Chloroethane	1.95	64	81706	4.785	ug/L 98
9) Trichlorofluoromethane	2.16	101	142788	4.576	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	78603	4.326	ug/L 97
12) 1,1-Dichloroethene	2.60	96	86287	4.531	ug/L 97
13) Acetone	2.65	43	170103	44.982	ug/L 97
14) Carbon disulfide	2.82	76	310721	4.468	ug/L 99
15) Methyl Acetate	2.98	43	48743	4.636	ug/L 99
16) Methylene chloride	3.08	84	98353	4.581	ug/L 97
17) Methyl tert-butyl Ether	3.40	73	256213	4.646	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	94667	4.585	ug/L 96
19) 1,1-Dichloroethane	3.91	63	192098	4.810	ug/L 98
21) 2-Butanone	4.75	43	324891	47.286	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	103513	4.640	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	42832	4.530	ug/L	97
25) Chloroform	5.12	83	182827	4.819	ug/L	99
27) 1,2-Dichloroethane	5.83	62	123317	4.809	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	152798	4.752	ug/L	99
30) Cyclohexane	5.42	56	176440	4.433	ug/L	98
31) Carbon tetrachloride	5.56	117	117731	4.595	ug/L	99
33) Benzene	5.81	78	406793	4.646	ug/L	100
34) Trichloroethene	6.57	95	97893	4.549	ug/L	97
35) Methylcyclohexane	6.79	83	161364	4.279	ug/L	97
37) 1,2-Dichloropropane	6.82	63	111474	4.801	ug/L	100
38) Bromodichloromethane	7.13	83	130724	4.734	ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	166889	4.591	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	815269	47.755	ug/L	98
42) Toluene	7.99	91	422638	4.608	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	143340	4.542	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	73237	4.680	ug/L	98
47) Tetrachloroethene	8.57	164	66387	4.294	ug/L	98
48) 2-Hexanone	8.71	43	581128	47.544	ug/L	99
49) Dibromochloromethane	8.83	129	80692	4.512	ug/L	97
50) 1,2-Dibromoethane	8.95	107	69457	4.616	ug/L	98
51) Chlorobenzene	9.47	112	257171	4.596	ug/L	99
52) Ethylbenzene	9.59	91	470259	4.609	ug/L	99
53) m,p-Xylene	9.71	106	178432	4.620	ug/L	98
54) o-Xylene	10.12	106	173619	4.568	ug/L	97
55) Styrene	10.13	104	295288	4.545	ug/L	97
56) Isopropylbenzene	10.50	105	450517	4.519	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	94361	4.632	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	69250	4.557	ug/L	99
61) Bromoform	10.31	173	45777	4.393	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	198256	4.513	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	200260	4.546	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	185072	4.475	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17504	4.566	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	145414	4.514	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	132494	4.481	ug/L	100
69) Naphthalene	14.11	128	268006	4.475	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	119912	4.551	ug/L	100

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

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