Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
Data File : BN005627.D
Acq On : 11 May 2019 15:25
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02011

Manual Integrations APPROVED
mohammad
5/13/2019 8:51:44 AM

Quant Time: May 12 00:18:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 11 23:17:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	247517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	1054640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	668071	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1522246	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1185951	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1048643	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	30802	6.01	ng/uL	0.00
5) Phenol-d5	6.77	99	336429	17.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	187548	15.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	280782	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	279087	18.37	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	147479	22.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	167600	25.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	316072	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	382973	24.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	931247	19.20	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1175152	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	139225	18.18	ng/ul	0.00
57) Fluorene-d10	15.22	176	827087	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	151915	22.19	ng/ul	0.00
70) Anthracene-d10	17.07	188	1263580	19.80	ng/ul	0.00
78) Pyrene-d10	19.39	212	1324571	21.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	933006	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	33186	6.019	ng/uL	99
4) Benzaldehyde	6.74	77	234131	16.995	ng/ul	96
6) Phenol	6.79	94	343143	17.161	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	267322	16.696	ng/ul	91
10) 2-Chlorophenol	7.15	128	284342	18.487	ng/ul	96
11) 2-Methylphenol	8.02	108	269654	17.997	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.11	45	375355	13.962	ng/ul	95
14) Acetophenone	8.39	105	456182	18.757	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.38	70	218562	16.800	ng/ul	91
16) 4-Methylphenol	8.35	108	293971	18.167	ng/ul	94
17) Hexachloroethane	8.63	117	122226	18.300	ng/ul	89
20) Nitrobenzene	8.77	77	331629	18.564	ng/ul	91
21) Isophorone	9.29	82	624226	17.648	ng/ul	96
23) 2-Nitrophenol	9.47	139	171889	23.051	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	330315	17.691	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	378931	17.047	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	307174	20.634	ng/ul	96
28) Naphthalene	10.39	128	961089	19.603	ng/ul	99
30) 4-Chloroaniline	10.51	127	392255	24.756	ng/ul	97
31) Hexachlorobutadiene	10.68	225	225007	21.403	ng/ul	98
32) Caprolactam	11.26	113	98311m	21.826	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	323633	19.306	ng/ul	95
34) 2-Methylnaphthalene	12.01	142	714339	19.898	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	428530	20.727	ng/ul	96
37) Hexachlorocyclopentadiene	12.36	237	231732	16.439	ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	257888	20.686	ng/ul	94
39) 2,4,5-Trichlorophenol	12.72	196	274314	20.476	ng/ul	99
40) 1,1'-Biphenyl	13.04	154	954854	19.182	ng/ul	99
41) 2-Chloronaphthalene	13.08	162	748690	19.556	ng/ul	95
42) 2-Nitroaniline	13.30	65	208399	20.523	ng/ul	86
44) Dimethylphthalate	13.68	163	922094	19.082	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	195362	23.414	ng/ul	91
47) Acenaphthylene	13.93	152	1135533	19.399	ng/ul	99
48) 3-Nitroaniline	14.13	138	192408	24.805	ng/ul	89
49) Acenaphthene	14.28	153	773444	19.354	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	76743	18.882	ng/ul#	84
52) 4-Nitrophenol	14.46	109	121402	17.466	ng/ul	97
53) Dibenzofuran	14.62	168	1142055	19.849	ng/ul	94
54) 2,4-Dinitrotoluene	14.61	165	285602	23.744	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.86	232	244239	21.915	ng/ul	91
56) Diethylphthalate	15.06	149	928432	19.161	ng/ul	99
58) Fluorene	15.27	166	907651	20.217	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	493076	20.703	ng/ul	97
60) 4-Nitroaniline	15.30	138	209971	21.713	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.38	198	152009	20.861	ng/ul#	90
64) N-Nitrosodiphenylamine	15.49	169	798041	19.155	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	319593	20.840	ng/ul	94
66) Hexachlorobenzene	16.28	284	344605	21.103	ng/ul	96
67) Atrazine	16.45	200	310969	20.049	ng/ul	97
68) Pentachlorophenol	16.63	266	156717	16.390	ng/ul	97
69) Phenanthrene	17.02	178	1451664	19.581	ng/ul	100
71) Anthracene	17.11	178	1471501	19.484	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	433661	19.504	ng/uL	98
73) Pentachlorobenzene	14.54	250	416098	20.793	ng/uL	97
74) Carbazole	17.38	167	1276636	19.678	ng/ul	99
75) Di-n-butylphthalate	17.96	149	1573028	19.325	ng/ul	100
76) Fluoranthene	19.05	202	1652284	20.093	ng/ul#	94
79) Pyrene	19.42	202	1658145	21.715	ng/ul#	93
80) Butylbenzylphthalate	20.34	149	674810	22.321	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	461816	19.490	ng/ul#	98
82) Benzo(a)anthracene	21.19	228	1447337	19.617	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	968559	20.806	ng/ul#	95
84) Chrysene	21.25	228	1324180	19.339	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	1548231	24.106	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1195400	20.279	ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	1170367	20.789	ng/ul#	97
90) Benzo(a)pyrene	23.32	252	1121118	20.234	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1264686	20.645	ng/ul	95
92) Dibenzo(a,h)anthracene	25.61	278	1077175	20.720	ng/ul#	97
93) Benzo(g,h,i)perylene	26.27	276	1062869	20.983	ng/ul#	94

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

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