Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114364.D
Acq On : 17 May 2019 22:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/21/2019 2:16:19 PM

Quant Time: May 18 05:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	177059	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	722196	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	344437	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	664346	20.00	ng		0.00
76) Chrysene-d12	14.02	240	472091	20.00	ng		0.00
87) Perylene-d12	15.49	264	477552	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	889026	80.80	ng		-0.01
7) Phenol-d6	6.49	99	1114712	85.66	ng		0.00
23) Nitrobenzene-d5	7.41	82	1048539	81.48	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	265370	74.52	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1753259	77.00	ng		0.00
79) Terphenyl-d14	12.95	244	1795260	78.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	208640	34.500	ng		99
3) Pyridine	3.29	79	603559m	36.223	ng		
4) n-Nitrosodimethylamine	3.24	42	288170m	35.864	ng		
6) Aniline	6.51	93	758304	40.341	ng	#	75
8) 2-Chlorophenol	6.64	128	505471	43.034	ng		94
9) Benzaldehyde	6.40	77	348383	38.242	ng		99
10) Phenol	6.50	94	629560	41.126	ng		83
11) bis(2-Chloroethyl)ether	6.58	93	501263	43.132	ng		96
12) 1,3-Dichlorobenzene	6.79	146	553361	41.970	ng		98
13) 1,4-Dichlorobenzene	6.86	146	557198	41.939	ng		99
14) 1,2-Dichlorobenzene	7.02	146	516664	42.565	ng		99
15) Benzyl Alcohol	6.99	79	416707	41.058	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	929703	41.258	ng		86
17) 2-Methylphenol	7.11	107	401832	41.646	ng		96
18) Hexachloroethane	7.36	117	193385	38.777	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	335029	40.618	ng		98
20) 3+4-Methylphenols	7.26	107	506068	45.396	ng	#	72
22) Acetophenone	7.26	105	666226	41.642	ng	#	92
24) Nitrobenzene	7.43	77	540621	41.247	ng		100
25) Isophorone	7.67	82	953752	39.962	ng		99
26) 2-Nitrophenol	7.75	139	260410	40.951	ng		96
27) 2,4-Dimethylphenol	7.79	122	377748	37.823	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	635188	41.018	ng		100
29) 2,4-Dichlorophenol	7.99	162	412891	41.517	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	447583	39.578	ng		99
31) Naphthalene	8.15	128	1400947	41.528	ng		99
32) Benzoic acid	7.91	122	130134	22.622	ng		99
33) 4-Chloroaniline	8.20	127	657782	42.789	ng		98
34) Hexachlorobutadiene	8.27	225	253004	39.320	ng		99
35) Caprolactam	8.57	113	150025	46.264	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	437120	43.666	ng		100
37) 2-Methylnaphthalene	8.85	142	929230	42.693	ng		97
38) 1-Methylnaphthalene	8.94	142	874127	42.646	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	429180	41.134	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	8627	6.003	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	285995	39.851	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	293901	39.932	ng		97
46) 1,1'-Biphenyl	9.30	154	1141007	41.005	ng		98
47) 2-Chloronaphthalene	9.33	162	893841	39.914	ng		98
48) 2-Nitroaniline	9.43	65	334947	42.174	ng		98
49) Acenaphthylene	9.75	152	1393473	40.912	ng		99
50) Dimethylphthalate	9.60	163	1043185	41.257	ng		100
51) 2,6-Dinitrotoluene	9.67	165	228800	40.798	ng		97
52) Acenaphthene	9.92	154	817689	39.123	ng		99
53) 3-Nitroaniline	9.85	138	301963	43.375	ng		92
54) 2,4-Dinitrophenol	9.96	184	22712	14.120	ng		93
55) Dibenzofuran	10.09	168	1208233	39.423	ng		95
56) 4-Nitrophenol	10.02	139	172141	34.965	ng		87
57) 2,4-Dinitrotoluene	10.08	165	295408	38.808	ng		95
58) Fluorene	10.43	166	962397	40.654	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	231261	36.416	ng		99
60) Diethylphthalate	10.30	149	1040982	40.519	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	468126	40.263	ng		99
62) 4-Nitroaniline	10.46	138	316610	43.280	ng		95
63) Azobenzene	10.58	77	996735	40.082	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	48444	15.175	ng		80
66) n-Nitrosodiphenylamine	10.54	169	854995	42.404	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	304617	41.644	ng		98
68) Hexachlorobenzene	10.99	284	323446	39.971	ng	#	90
69) Atrazine	11.07	200	247711	39.478	ng		97
70) Pentachlorophenol	11.19	266	135102	35.220	ng		99
71) Phenanthrene	11.40	178	1353802	41.886	ng		98
72) Anthracene	11.45	178	1372538	42.279	ng		99
73) Carbazole	11.60	167	1327342	42.877	ng		98
74) Di-n-butylphthalate	11.92	149	1622340	45.488	ng		99
75) Fluoranthene	12.59	202	1401491	40.266	ng		99
77) Benzidine	12.70	184	863365	40.741	ng		96
78) Pyrene	12.82	202	1445668	38.067	ng		98
80) Butylbenzylphthalate	13.42	149	685340	42.874	ng		100
81) Benzo(a)anthracene	14.00	228	1298839	42.537	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	539135	45.515	ng		99
83) Chrysene	14.04	228	1250788	41.787	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	921737	44.089	ng		100
85) Di-n-octyl phthalate	14.60	149	1562090	46.092	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1047971	39.615	ng		99
88) Benzo(b)fluoranthene	15.06	252	1395012	45.597	ng		99
89) Benzo(k)fluoranthene	15.09	252	1139491	40.545	ng		99
90) Benzo(a)pyrene	15.43	252	1156660	42.957	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	876894	39.192	ng		100
92) Benzo(g,h,i)perylene	17.42	276	815317	36.362	ng		99

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

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