Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114624.D
Acq On : 26 May 2019 1:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:32 AM

Quant Time: May 27 02:19:17 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 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141117	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	553711	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	249369	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	493578	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	347021	20.00	ng		-0.02
87) Perylene-d12	15.43	264	338933	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	733664	83.67	ng		-0.02
7) Phenol-d6	6.45	99	882948	85.13	ng		-0.01
23) Nitrobenzene-d5	7.37	82	826291	83.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	199551	77.40	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1434571	87.02	ng		-0.02
79) Terphenyl-d14	12.90	244	1443755	85.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	168153	34.887	ng		99
3) Pyridine	3.26	79	460749	34.695	ng		97
4) n-Nitrosodimethylamine	3.22	42	226486	35.366	ng		99
6) Aniline	6.47	93	617495	41.216	ng	#	83
8) 2-Chlorophenol	6.59	128	402532	42.999	ng		97
9) Benzaldehyde	6.36	77	256942	35.388	ng		99
10) Phenol	6.46	94	512875	42.037	ng	#	71
11) bis(2-Chloroethyl)ether	6.53	93	391795	42.299	ng		99
12) 1,3-Dichlorobenzene	6.74	146	451696	42.985	ng		97
13) 1,4-Dichlorobenzene	6.82	146	454790	42.949	ng		98
14) 1,2-Dichlorobenzene	6.97	146	417303	43.136	ng		98
15) Benzyl Alcohol	6.95	79	319822	39.538	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	707804	39.411	ng		62
17) 2-Methylphenol	7.07	107	313056	40.709	ng	#	90
18) Hexachloroethane	7.31	117	165667	41.680	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	267104	40.631	ng		99
20) 3+4-Methylphenols	7.22	107	411621	46.328	ng	#	82
22) Acetophenone	7.22	105	540108	44.031	ng	#	90
24) Nitrobenzene	7.39	77	426966	42.488	ng		98
25) Isophorone	7.63	82	742495	40.577	ng		99
26) 2-Nitrophenol	7.70	139	211157	43.310	ng		95
27) 2,4-Dimethylphenol	7.75	122	310399	40.536	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	490505	41.313	ng		99
29) 2,4-Dichlorophenol	7.96	162	327773	42.987	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	363310	41.902	ng		99
31) Naphthalene	8.10	128	1138703	44.025	ng		98
32) Benzoic acid	7.90	122	160228m	32.074	ng		
33) 4-Chloroaniline	8.16	127	513339	43.554	ng		98
34) Hexachlorobutadiene	8.22	225	210336	42.635	ng		99
35) Caprolactam	8.53	113	107115	43.082	ng		98
36) 4-Chloro-3-methylphenol	8.65	107	338166	44.060	ng		98
37) 2-Methylnaphthalene	8.80	142	737037	44.166	ng		98
38) 1-Methylnaphthalene	8.90	142	691793	44.021	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	335931	44.471	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	110717	34.084	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	210243	40.464	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	208247	39.082	ng		94
46) 1,1'-Biphenyl	9.26	154	911724	45.257	ng		98
47) 2-Chloronaphthalene	9.29	162	714141	44.047	ng		99
48) 2-Nitroaniline	9.39	65	250977	43.649	ng		92
49) Acenaphthylene	9.70	152	1088191	44.130	ng		98
50) Dimethylphthalate	9.56	163	783034	42.775	ng		99
51) 2,6-Dinitrotoluene	9.63	165	173401	42.707	ng		97
52) Acenaphthene	9.87	154	650275	42.974	ng		99
53) 3-Nitroaniline	9.80	138	222375	44.120	ng		98
54) 2,4-Dinitrophenol	9.93	184	66205	36.438	ng		97
55) Dibenzofuran	10.05	168	916781	41.318	ng		98
56) 4-Nitrophenol	10.03	139	138113m	38.748	ng		
57) 2,4-Dinitrotoluene	10.04	165	216570	39.298	ng	#	76
58) Fluorene	10.39	166	763447	44.545	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	174400	37.932	ng		100
60) Diethylphthalate	10.26	149	774050	41.615	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	366522	43.542	ng		97
62) 4-Nitroaniline	10.42	138	212308	40.086	ng		96
63) Azobenzene	10.53	77	742639	41.249	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	96647	40.750	ng		84
66) n-Nitrosodiphenylamine	10.50	169	658240	43.941	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	230328	42.382	ng		98
68) Hexachlorobenzene	10.95	284	251605	41.850	ng		91
69) Atrazine	11.02	200	190513	40.867	ng		99
70) Pentachlorophenol	11.15	266	96040m	33.699	ng		
71) Phenanthrene	11.35	178	1068304	44.488	ng		98
72) Anthracene	11.40	178	1084566	44.967	ng		98
73) Carbazole	11.56	167	1037525	45.110	ng		98
74) Di-n-butylphthalate	11.88	149	1185378	44.735	ng		99
75) Fluoranthene	12.54	202	1157394	44.758	ng		99
77) Benzidine	12.66	184	550362	35.331	ng		97
78) Pyrene	12.77	202	1171507	41.965	ng		99
80) Butylbenzylphthalate	13.37	149	513303	43.685	ng		98
81) Benzo(a)anthracene	13.96	228	1001031	44.599	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	393047	45.141	ng		99
83) Chrysene	14.00	228	960432	43.651	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	682048	44.382	ng		99
85) Di-n-octyl phthalate	14.54	149	1091986	43.834	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	900664	46.317	ng		99
88) Benzo(b)fluoranthene	15.00	252	969316	44.640	ng		99
89) Benzo(k)fluoranthene	15.03	252	830869	41.655	ng		99
90) Benzo(a)pyrene	15.37	252	818903	42.852	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	729129	45.916	ng		98
92) Benzo(g,h,i)perylene	17.33	276	748141	47.012	ng		99

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

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