Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114289.D
Acq On : 15 May 2019 17:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 15 23:27:19 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	264249	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1058895	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	486161	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	962358	20.00	ng		0.00
76) Chrysene-d12	14.02	240	647692	20.00	ng		0.00
87) Perylene-d12	15.49	264	574912	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1271909	77.46	ng		0.00
7) Phenol-d6	6.50	99	1593852	82.07	ng		0.00
23) Nitrobenzene-d5	7.42	82	1531398	81.16	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	379674	75.54	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2402527	74.75	ng		0.00
79) Terphenyl-d14	12.96	244	2427860	77.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	329410	36.497	ng		99
3) Pyridine	3.37	79	925692	37.225	ng		95
4) n-Nitrosodimethylamine	3.33	42	448162	37.372	ng		92
6) Aniline	6.52	93	1081312	38.544	ng	#	51
8) 2-Chlorophenol	6.65	128	725990	41.415	ng		95
9) Benzaldehyde	6.40	77	500637	36.822	ng		97
10) Phenol	6.52	94	901469	39.458	ng	#	73
11) bis(2-Chloroethyl)ether	6.59	93	737956	42.547	ng		98
12) 1,3-Dichlorobenzene	6.79	146	794212	40.362	ng		98
13) 1,4-Dichlorobenzene	6.87	146	798756	40.283	ng		97
14) 1,2-Dichlorobenzene	7.02	146	738784	40.782	ng		99
15) Benzyl Alcohol	7.00	79	608808	40.193	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1337996	39.785	ng		87
17) 2-Methylphenol	7.12	107	583751	40.538	ng	#	92
18) Hexachloroethane	7.36	117	298499	40.106	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	488329	39.669	ng		99
20) 3+4-Methylphenols	7.27	107	702556	42.227	ng	#	71
22) Acetophenone	7.26	105	954550	40.692	ng	#	91
24) Nitrobenzene	7.43	77	794102	41.322	ng		99
25) Isophorone	7.67	82	1413918	40.405	ng		100
26) 2-Nitrophenol	7.75	139	396911	42.570	ng		99
27) 2,4-Dimethylphenol	7.79	122	539305	36.829	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	918945	40.473	ng		99
29) 2,4-Dichlorophenol	8.00	162	587108	40.264	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	657637	39.662	ng		99
31) Naphthalene	8.16	128	1980437	40.039	ng		99
32) Benzoic acid	7.93	122	362220	36.637	ng		97
33) 4-Chloroaniline	8.20	127	940060	41.707	ng		99
34) Hexachlorobutadiene	8.27	225	366458	38.843	ng		98
35) Caprolactam	8.58	113	217722	45.791	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	620957	42.307	ng		99
37) 2-Methylnaphthalene	8.85	142	1316271	41.246	ng		97
38) 1-Methylnaphthalene	8.95	142	1233201	41.034	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	594348	40.358	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	226688	35.578	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	415586	41.027	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	424422	40.856	ng		95
46) 1,1'-Biphenyl	9.31	154	1576320	40.135	ng		99
47) 2-Chloronaphthalene	9.34	162	1273419	40.287	ng		97
48) 2-Nitroaniline	9.43	65	484856	43.253	ng		97
49) Acenaphthylene	9.75	152	1932504	40.198	ng		99
50) Dimethylphthalate	9.61	163	1477858	41.410	ng		100
51) 2,6-Dinitrotoluene	9.67	165	323264	40.838	ng		98
52) Acenaphthene	9.92	154	1143539	38.763	ng		99
53) 3-Nitroaniline	9.85	138	416915	42.429	ng		97
54) 2,4-Dinitrophenol	9.96	184	144426	39.971	ng		97
55) Dibenzofuran	10.09	168	1656696	38.298	ng		98
56) 4-Nitrophenol	10.02	139	270675	38.952	ng		98
57) 2,4-Dinitrotoluene	10.09	165	420128	39.104	ng	#	93
58) Fluorene	10.44	166	1320279	39.514	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	339067	37.828	ng		100
60) Diethylphthalate	10.30	149	1412580	38.955	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	653154	39.800	ng		96
62) 4-Nitroaniline	10.46	138	434267	42.058	ng		98
63) Azobenzene	10.59	77	1391582	39.646	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	202971	43.893	ng		90
66) n-Nitrosodiphenylamine	10.54	169	1181104	40.438	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	422181	39.843	ng		97
68) Hexachlorobenzene	10.99	284	460366	39.274	ng		97
69) Atrazine	11.07	200	356351	39.205	ng		97
70) Pentachlorophenol	11.19	266	233981	42.108	ng		97
71) Phenanthrene	11.40	178	1884108	40.242	ng		99
72) Anthracene	11.45	178	1905348	40.516	ng		99
73) Carbazole	11.61	167	1843455	41.108	ng		99
74) Di-n-butylphthalate	11.93	149	2158734	41.784	ng		99
75) Fluoranthene	12.59	202	2011855	39.903	ng		97
77) Benzidine	12.70	184	800238	27.524	ng		97
78) Pyrene	12.82	202	2056464	39.469	ng		99
80) Butylbenzylphthalate	13.43	149	950823	43.355	ng		99
81) Benzo(a)anthracene	14.01	228	1768408	42.213	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	674659	41.514	ng		100
83) Chrysene	14.04	228	1667920	40.615	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1263806	44.062	ng		99
85) Di-n-octyl phthalate	14.60	149	2050478	44.100	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1392412	38.365	ng		99
88) Benzo(b)fluoranthene	15.07	252	1576714	42.808	ng		100
89) Benzo(k)fluoranthene	15.10	252	1510417	44.642	ng		100
90) Benzo(a)pyrene	15.43	252	1405355	43.355	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1127783	41.870	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1160695	42.999	ng		99

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

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