Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
Data File : BF111813.D
Acq On : 2 Jan 2019 17:04
Operator : JU/SJ
Sample : IDOC-04
Misc : BN-W-FE
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-04

Manual Integrations APPROVED
Sohil
1/3/2019 10:59:35 AM

Quant Time: Jan 03 04:01:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149146	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	556129	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	290799	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	552011	20.00	ng		0.01
76) Chrysene-d12	14.07	240	362262	20.00	ng		0.02
87) Perylene-d12	15.55	264	358678	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	537041	61.38	ng		0.02
7) Phenol-d6	6.54	99	434182	38.99	ng		0.02
23) Nitrobenzene-d5	7.46	82	970574	101.59	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	495310	144.15	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1793357	89.89	ng		0.00
79) Terphenyl-d14	13.01	244	1953068	102.24	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	57144	13.881	ng	#	94
3) Pyridine	3.48	79	129068	12.034	ng		98
4) n-Nitrosodimethylamine	3.41	42	92208	17.567	ng		85
6) Aniline	6.56	93	350665	24.704	ng		99
8) 2-Chlorophenol	6.70	128	346986	35.799	ng		95
9) Benzaldehyde	6.45	77	205658	26.853	ng		96
10) Phenol	6.56	94	168225	13.389	ng	#	30
11) bis(2-Chloroethyl)ether	6.63	93	392742	41.714	ng		97
12) 1,3-Dichlorobenzene	6.85	146	398958	35.517	ng		98
13) 1,4-Dichlorobenzene	6.92	146	411277	36.102	ng		96
14) 1,2-Dichlorobenzene	7.07	146	394876	37.152	ng		98
15) Benzyl Alcohol	7.04	79	246968	27.925	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	659780	38.049	ng		87
17) 2-Methylphenol	7.16	107	227049	29.254	ng	#	90
18) Hexachloroethane	7.42	117	139501	36.339	ng	#	88
19) n-Nitroso-di-n-propylamine	7.31	70	312638	42.275	ng		96
20) 3+4-Methylphenols	7.31	107	255650	26.069	ng	#	54
22) Acetophenone	7.30	105	600414	42.616	ng	#	89
24) Nitrobenzene	7.48	77	462193	46.156	ng		98
25) Isophorone	7.72	82	829800	48.923	ng		99
26) 2-Nitrophenol	7.80	139	221175	54.460	ng	#	94
27) 2,4-Dimethylphenol	7.84	122	325773	40.692	ng		93
28) bis(2-Chloroethoxy)methane	7.93	93	516868	45.794	ng		97
29) 2,4-Dichlorophenol	8.05	162	358568	41.641	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	384872	40.109	ng		98
31) Naphthalene	8.21	128	1196019	44.759	ng		97
32) Benzoic acid	7.92	122	36145	6.828	ng		99
33) 4-Chloroaniline	8.25	127	401505	34.764	ng		99
34) Hexachlorobutadiene	8.33	225	224355	38.363	ng		97
35) Caprolactam	8.61	113	17038	5.839	ng	#	82
36) 4-Chloro-3-methylphenol	8.73	107	332009	39.224	ng		100
37) 2-Methylnaphthalene	8.90	142	844721	48.589	ng		98
38) 1-Methylnaphthalene	9.00	142	810421	48.538	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	411497	43.063	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	498625	107.532	ng		100
43) 2,4,6-Trichlorophenol	9.18	196	275631	43.203	ng		100
44) 2,4,5-Trichlorophenol	9.22	196	289196	44.186	ng		94
46) 1,1'-Biphenyl	9.36	154	1064939	43.382	ng		95
47) 2-Chloronaphthalene	9.39	162	835669	42.967	ng		95
48) 2-Nitroaniline	9.48	65	262026	51.787	ng		94
49) Acenaphthylene	9.80	152	1330557	46.856	ng		96
50) Dimethylphthalate	9.66	163	1021321	48.028	ng		99
51) 2,6-Dinitrotoluene	9.72	165	229597	54.147	ng		98
52) Acenaphthene	9.97	154	866360	49.467	ng		99
53) 3-Nitroaniline	9.89	138	187645	41.494	ng		89
54) 2,4-Dinitrophenol	10.00	184	160249	114.311	ng		87
55) Dibenzofuran	10.15	168	1211553	45.788	ng		94
56) 4-Nitrophenol	10.06	139	111778	32.388	ng		90
57) 2,4-Dinitrotoluene	10.12	165	305916	60.028	ng		97
58) Fluorene	10.49	166	938952	49.245	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	256290	46.530	ng	#	89
60) Diethylphthalate	10.36	149	995481	47.722	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	479031	45.474	ng		94
62) 4-Nitroaniline	10.50	138	211016	48.010	ng		90
63) Azobenzene	10.64	77	926860	44.259	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	124222	53.550	ng		85
66) n-Nitrosodiphenylamine	10.60	169	835558	45.092	ng		97
67) 4-Bromophenyl-phenylether	10.97	248	314852	45.986	ng		96
68) Hexachlorobenzene	11.05	284	343249	44.964	ng		95
69) Atrazine	11.13	200	287190	44.613	ng		95
70) Pentachlorophenol	11.24	266	304679	64.559	ng		97
71) Phenanthrene	11.46	178	1397344	47.731	ng		94
72) Anthracene	11.50	178	1443046	49.109	ng		95
73) Carbazole	11.66	167	1205253	42.247	ng		95
74) Di-n-butylphthalate	11.98	149	1543544	48.256	ng		97
75) Fluoranthene	12.64	202	1334083	45.001	ng		96
77) Benzidine	12.75	184	536011	39.321	ng		96
78) Pyrene	12.87	202	1320480	51.617	ng		97
80) Butylbenzylphthalate	13.48	149	541198	51.899	ng		89
81) Benzo(a)anthracene	14.06	228	1023950	49.528	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	324031	39.668	ng	#	96
83) Chrysene	14.10	228	964378	47.461	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	728942	55.496	ng	#	99
85) Di-n-octyl phthalate	14.65	149	1087391	53.432	ng		94
86) Indeno(1,2,3-cd)pyrene	17.06	276	1140566	66.029	ng	#	88
88) Benzo(b)fluoranthene	15.12	252	985374	47.006	ng	#	97
89) Benzo(k)fluoranthene	15.15	252	894983m	44.846	ng		
90) Benzo(a)pyrene	15.49	252	932969	48.989	ng	#	94
91) Dibenzo(a,h)anthracene	17.08	278	944211	56.618	ng	#	91
92) Benzo(g,h,i)perylene	17.52	276	961245	59.028	ng	#	87

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

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