Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
Data File : BF111804.D
Acq On : 2 Jan 2019 12:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 02 12:55:49 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	163121	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	602674	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	307286	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	584498	20.00	ng		0.01
76) Chrysene-d12	14.07	240	397103	20.00	ng		0.02
87) Perylene-d12	15.56	264	336457	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	716280	74.85	ng		0.02
7) Phenol-d6	6.55	99	895858	73.56	ng		0.03
23) Nitrobenzene-d5	7.47	82	853624	82.45	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	298774	82.29	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1614540	76.58	ng		0.00
79) Terphenyl-d14	13.02	244	1729961	82.62	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	151414	33.629	ng		96
3) Pyridine	3.46	79	406977	34.695	ng		97
4) n-Nitrosodimethylamine	3.41	42	201268	35.059	ng		82
6) Aniline	6.57	93	540983	34.847	ng	#	81
8) 2-Chlorophenol	6.70	128	406433	38.339	ng		97
9) Benzaldehyde	6.45	77	282699	33.750	ng		96
10) Phenol	6.56	94	486900	35.432	ng	#	65
11) bis(2-Chloroethyl)ether	6.63	93	383395	37.232	ng		96
12) 1,3-Dichlorobenzene	6.85	146	468974	38.173	ng		99
13) 1,4-Dichlorobenzene	6.92	146	478117	38.374	ng		98
14) 1,2-Dichlorobenzene	7.08	146	444333	38.224	ng		96
15) Benzyl Alcohol	7.05	79	366450	37.885	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	626228	33.020	ng		92
17) 2-Methylphenol	7.16	107	316074	37.236	ng		93
18) Hexachloroethane	7.42	117	167667	39.934	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	293801	36.324	ng		98
20) 3+4-Methylphenols	7.32	107	402818	37.556	ng		93
22) Acetophenone	7.31	105	567223	37.151	ng	#	92
24) Nitrobenzene	7.49	77	430572	39.678	ng		99
25) Isophorone	7.72	82	670114	36.457	ng		98
26) 2-Nitrophenol	7.80	139	213211	48.445	ng		97
27) 2,4-Dimethylphenol	7.85	122	306415	35.318	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	454222	37.135	ng		97
29) 2,4-Dichlorophenol	8.05	162	357660	38.328	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	400375	38.502	ng		96
31) Naphthalene	8.21	128	1094416	37.794	ng		97
32) Benzoic acid	7.92	122	41520	7.238	ng		91
33) 4-Chloroaniline	8.26	127	470788	37.615	ng		98
34) Hexachlorobutadiene	8.33	225	251103	39.621	ng		97
35) Caprolactam	8.62	113	107871	34.114	ng	#	85
36) 4-Chloro-3-methylphenol	8.75	107	351734	38.345	ng		99
37) 2-Methylnaphthalene	8.90	142	714688	37.935	ng		98
38) 1-Methylnaphthalene	9.00	142	697111	38.527	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	391042	38.727	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	209860	42.829	ng		100
43) 2,4,6-Trichlorophenol	9.18	196	257152	38.144	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	268085	38.762	ng		92
46) 1,1'-Biphenyl	9.36	154	992047	38.245	ng		96
47) 2-Chloronaphthalene	9.39	162	781609	38.031	ng		94
48) 2-Nitroaniline	9.48	65	236502	44.235	ng		99
49) Acenaphthylene	9.80	152	1147708	38.248	ng		96
50) Dimethylphthalate	9.66	163	881596	39.233	ng		97
51) 2,6-Dinitrotoluene	9.72	165	197130	43.996	ng		94
52) Acenaphthene	9.98	154	703453	38.010	ng		99
53) 3-Nitroaniline	9.89	138	213565	44.692	ng		96
54) 2,4-Dinitrophenol	10.00	184	48216	37.775	ng	#	78
55) Dibenzofuran	10.15	168	1079506	38.609	ng		95
56) 4-Nitrophenol	10.06	139	143785	39.427	ng		93
57) 2,4-Dinitrotoluene	10.13	165	260898	48.447	ng	#	90
58) Fluorene	10.49	166	778910	38.660	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	223141	38.338	ng		90
60) Diethylphthalate	10.36	149	852638	38.682	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	445113	39.987	ng		95
62) 4-Nitroaniline	10.50	138	202322	43.562	ng		88
63) Azobenzene	10.65	77	835645	37.762	ng		92
65) 4,6-Dinitro-2-methylphenol	10.54	198	98793	41.887	ng	#	70
66) n-Nitrosodiphenylamine	10.60	169	738875	37.658	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	281292	38.801	ng		97
68) Hexachlorobenzene	11.05	284	312101	38.611	ng		97
69) Atrazine	11.13	200	253261	37.156	ng		95
70) Pentachlorophenol	11.24	266	186954	37.412	ng		98
71) Phenanthrene	11.46	178	1147044	37.004	ng		94
72) Anthracene	11.51	178	1167999	37.539	ng		95
73) Carbazole	11.66	167	1111515	36.796	ng		95
74) Di-n-butylphthalate	11.99	149	1280873	37.819	ng		96
75) Fluoranthene	12.65	202	1130809	36.025	ng		95
77) Benzidine	12.76	184	440581	29.484	ng		99
78) Pyrene	12.87	202	1143489	40.777	ng		96
80) Butylbenzylphthalate	13.48	149	464800	40.662	ng		93
81) Benzo(a)anthracene	14.06	228	883818	38.999	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	330236	36.881	ng	#	97
83) Chrysene	14.10	228	827960	37.172	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	608273	42.246	ng		97
85) Di-n-octyl phthalate	14.66	149	875840	39.261	ng		95
86) Indeno(1,2,3-cd)pyrene	17.07	276	811098	42.836	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	702722	35.737	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	706426	37.735	ng	#	96
90) Benzo(a)pyrene	15.49	252	672605	37.650	ng	#	94
91) Dibenzo(a,h)anthracene	17.08	278	686921	43.910	ng	#	91
92) Benzo(g,h,i)perylene	17.52	276	680188	44.528	ng	#	88

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

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