Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111625.D
Acq On : 20 Dec 2018 7:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2018 12:42:49 PM

Quant Time: Dec 20 11:45:37 2018
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	158213	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	553258	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	258193	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	467296	20.00	ng		0.00
76) Chrysene-d12	14.05	240	416074	20.00	ng		0.00
87) Perylene-d12	15.52	264	289319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	768227	82.77	ng		0.00
7) Phenol-d6	6.52	99	958407	81.13	ng		0.00
23) Nitrobenzene-d5	7.46	82	826308	86.94	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	249447	81.77	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1531752	86.47	ng		0.00
79) Terphenyl-d14	13.00	244	1734100	79.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	177298	40.599	ng		97
3) Pyridine	3.43	79	459727	40.407	ng		98
4) n-Nitrosodimethylamine	3.36	42	223913	40.214	ng		83
6) Aniline	6.56	93	599345	39.804	ng		99
8) 2-Chlorophenol	6.68	128	420315	40.879	ng		97
9) Benzaldehyde	6.45	77	337754	41.574	ng		96
10) Phenol	6.53	94	534115	40.074	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	400846	40.135	ng		95
12) 1,3-Dichlorobenzene	6.84	146	493889	41.448	ng		99
13) 1,4-Dichlorobenzene	6.92	146	496833	41.113	ng		97
14) 1,2-Dichlorobenzene	7.07	146	460812	40.871	ng		98
15) Benzyl Alcohol	7.03	79	364032	38.803	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	698662	37.982	ng		99
17) 2-Methylphenol	7.15	107	320246	38.898	ng		97
18) Hexachloroethane	7.42	117	129536	31.809	ng	#	86
19) n-Nitroso-di-n-propylamine	7.30	70	294909	37.592	ng		95
20) 3+4-Methylphenols	7.30	107	414506	39.845	ng		97
22) Acetophenone	7.30	105	566208	40.397	ng	#	88
24) Nitrobenzene	7.47	77	430234	43.188	ng		97
25) Isophorone	7.72	82	664409	39.375	ng		99
26) 2-Nitrophenol	7.79	139	154120	38.146	ng		96
27) 2,4-Dimethylphenol	7.83	122	311977	39.171	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	449996	40.076	ng		97
29) 2,4-Dichlorophenol	8.03	162	342307	39.959	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	387688	40.612	ng		97
31) Naphthalene	8.20	128	1081290	40.676	ng		97
32) Benzoic acid	7.92	122	191192m	36.307	ng		
33) 4-Chloroaniline	8.25	127	464676	40.442	ng		98
34) Hexachlorobutadiene	8.33	225	241772	41.556	ng		98
35) Caprolactam	8.60	113	114324	39.384	ng	#	87
36) 4-Chloro-3-methylphenol	8.72	107	326021	38.716	ng		98
37) 2-Methylnaphthalene	8.89	142	681706	39.416	ng		97
38) 1-Methylnaphthalene	8.99	142	648115	39.018	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	365694	43.103	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	30169	7.328	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	233637	41.246	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	237013	40.786	ng		93
46) 1,1'-Biphenyl	9.36	154	932081	42.765	ng		94
47) 2-Chloronaphthalene	9.38	162	710488	41.144	ng		94
48) 2-Nitroaniline	9.47	65	216240	48.135	ng		94
49) Acenaphthylene	9.80	152	1035889	41.086	ng		95
50) Dimethylphthalate	9.65	163	805163	42.644	ng		98
51) 2,6-Dinitrotoluene	9.71	165	157807	41.916	ng		100
52) Acenaphthene	9.97	154	618416	39.769	ng		98
53) 3-Nitroaniline	9.87	138	203520	50.688	ng		99
54) 2,4-Dinitrophenol	9.97	184	4971	11.046	ng	#	1
55) Dibenzofuran	10.14	168	959617	40.847	ng		93
56) 4-Nitrophenol	10.02	139	126758	41.367	ng		88
57) 2,4-Dinitrotoluene	10.11	165	185769	41.055	ng	#	97
58) Fluorene	10.48	166	674564	39.847	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	194561	39.784	ng	#	89
60) Diethylphthalate	10.35	149	775125	41.851	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	382294	40.874	ng		91
62) 4-Nitroaniline	10.49	138	189729	48.618	ng		94
63) Azobenzene	10.63	77	730566	39.291	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	11794	11.948	ng		86
66) n-Nitrosodiphenylamine	10.59	169	658303	41.967	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	243978	42.094	ng	#	90
68) Hexachlorobenzene	11.03	284	264136	40.873	ng	#	91
69) Atrazine	11.11	200	210605	38.647	ng		96
70) Pentachlorophenol	11.22	266	155369	38.890	ng		99
71) Phenanthrene	11.44	178	1016200	41.005	ng		95
72) Anthracene	11.49	178	1027671	41.313	ng		95
73) Carbazole	11.64	167	1017877	42.147	ng		95
74) Di-n-butylphthalate	11.97	149	1165689	43.050	ng		97
75) Fluoranthene	12.63	202	1089794	43.425	ng		95
77) Benzidine	12.74	184	691905	44.192	ng		100
78) Pyrene	12.86	202	1129911	38.456	ng		96
80) Butylbenzylphthalate	13.47	149	503825	42.066	ng	#	85
81) Benzo(a)anthracene	14.04	228	957461	40.322	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	442490	47.164	ng	#	97
83) Chrysene	14.07	228	946491	40.556	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	691416	45.831	ng	#	99
85) Di-n-octyl phthalate	14.64	149	1135538	48.581	ng		96
86) Indeno(1,2,3-cd)pyrene	17.00	276	620497m	31.276	ng		
88) Benzo(b)fluoranthene	15.09	252	712091	42.113	ng	#	95
89) Benzo(k)fluoranthene	15.12	252	716199	44.490	ng	#	96
90) Benzo(a)pyrene	15.46	252	630009	41.011	ng	#	95
91) Dibenzo(a,h)anthracene	17.02	278	526299	39.124	ng	#	91
92) Benzo(g,h,i)perylene	17.45	276	501502	38.179	ng	#	88

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

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