Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108174.D
Acq On : 15 Aug 2018 19:16
Operator : JU/SJ
Sample : J4477-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Manual Integrations APPROVED
Sohil
8/16/2018 5:27:04 PM

Quant Time: Aug 16 02:30:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	184630	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	735527	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	373553	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	662979	20.00	ng		0.00
75) Chrysene-d12	14.21	240	399206	20.00	ng		0.00
86) Perylene-d12	15.78	264	432196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	688882	67.55	ng		0.01
7) Phenol-d6	6.64	99	921917	68.03	ng		0.00
23) Nitrobenzene-d5	7.58	82	597179	45.31	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	219999	59.04	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1095511	47.08	ng		0.00
78) Terphenyl-d14	13.14	244	891923	56.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	89564	17.092	ng	#	89
3) Pyridine	3.72	79	253146	18.754	ng		88
4) n-Nitrosodimethylamine	3.67	42	144228	18.989	ng		84
6) Aniline	6.68	93	318923	17.301	ng		98
8) 2-Chlorophenol	6.80	128	264293	23.011	ng		97
9) Benzaldehyde	6.57	77	151962	14.463	ng		99
10) Phenol	6.65	94	315188	22.485	ng		92
11) bis(2-Chloroethyl)ether	6.74	93	251988	22.235	ng		93
12) 1,3-Dichlorobenzene	6.96	146	289896	21.829	ng		98
13) 1,4-Dichlorobenzene	7.04	146	288707	21.637	ng		97
14) 1,2-Dichlorobenzene	7.19	146	273426	22.030	ng		96
15) Benzyl Alcohol	7.15	79	252386	22.123	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	492549	21.098	ng		96
17) 2-Methylphenol	7.25	107	223492	22.690	ng		96
18) Hexachloroethane	7.53	117	104082	21.910	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	200137	21.839	ng	#	87
20) 3+4-Methylphenols	7.41	107	285173	22.593	ng		92
22) Acetophenone	7.42	105	384876	22.378	ng	#	93
24) Nitrobenzene	7.60	77	294224	22.074	ng		96
25) Isophorone	7.83	82	543350	21.627	ng		97
26) 2-Nitrophenol	7.91	139	126935	25.217	ng		95
27) 2,4-Dimethylphenol	7.94	122	248854	22.317	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	330216	22.515	ng		99
29) 2,4-Dichlorophenol	8.15	162	238344	23.227	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	248629	21.976	ng		98
31) Naphthalene	8.32	128	775799	23.193	ng		100
32) Benzoic acid	8.07	122	3294m	6.420	ng		
33) 4-Chloroaniline	8.37	127	255874	17.553	ng		99
34) Hexachlorobutadiene	8.43	225	155317	21.686	ng		100
35) Caprolactam	8.72	113	63852	19.856	ng		90
36) 4-Chloro-3-methylphenol	8.84	107	245222	22.152	ng		99
37) 2-Methylnaphthalene	9.01	142	533604	22.547	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	265583	23.152	ng		98
40) Hexachlorocyclopentadiene	9.16	237	191873	25.895	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	164046	23.045	ng		97
43) 2,4,5-Trichlorophenol	9.33	196	171557	21.893	ng	#	92
45) 1,1'-Biphenyl	9.48	154	659694	23.952	ng		98
46) 2-Chloronaphthalene	9.51	162	502022	23.062	ng		96
47) 2-Nitroaniline	9.60	65	169979	24.133	ng		84
48) Acenaphthylene	9.92	152	803484	23.348	ng		99
49) Dimethylphthalate	9.77	163	652393	25.072	ng		99
50) 2,6-Dinitrotoluene	9.84	165	130555	23.981	ng		91
51) Acenaphthene	10.10	154	471919	22.389	ng		99
52) 3-Nitroaniline	10.01	138	122891	20.631	ng		87
53) 2,4-Dinitrophenol	10.11	184	2581	8.176	ng	#	56
54) Dibenzofuran	10.27	168	716442	23.461	ng		98
55) 4-Nitrophenol	10.16	139	140945	31.247	ng		85
56) 2,4-Dinitrotoluene	10.24	165	169277	24.156	ng	#	98
57) Fluorene	10.61	166	560161	23.172	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	112071	17.111	ng	#	87
59) Diethylphthalate	10.47	149	596052	23.656	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	282557	22.431	ng		91
61) 4-Nitroaniline	10.62	138	125190	21.258	ng		96
62) Azobenzene	10.76	77	572230	21.990	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	11341	9.406	ng		86
65) n-Nitrosodiphenylamine	10.72	169	498962	25.468	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	175627	24.376	ng	#	84
67) Hexachlorobenzene	11.17	284	180970	23.873	ng	#	85
68) Atrazine	11.24	200	157862	24.024	ng		93
69) Pentachlorophenol	11.35	266	82581	22.760	ng		99
70) Phenanthrene	11.58	178	905795	28.967	ng		99
71) Anthracene	11.64	178	785263	24.501	ng		100
72) Carbazole	11.79	167	627529	22.038	ng		99
73) Di-n-butylphthalate	12.10	149	824845	25.574	ng		99
74) Fluoranthene	12.78	202	818697	23.989	ng		96
76) Benzidine	12.90	184	276975	18.570	ng		97
77) Pyrene	13.01	202	763482	30.208	ng		99
79) Butylbenzylphthalate	13.61	149	242831	24.196	ng	#	97
80) Benzo(a)anthracene	14.20	228	576296	25.154	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	175408	21.364	ng	#	95
82) Chrysene	14.24	228	530197	25.243	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	327983	24.133	ng		98
84) Di-n-octyl phthalate	14.79	149	565167	27.268	ng		95
85) Indeno(1,2,3-cd)pyrene	17.39	276	543156	29.845	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	593204m	22.970	ng		
88) Benzo(k)fluoranthene	15.34	252	539557	22.728	ng	#	97
89) Benzo(a)pyrene	15.71	252	572187	24.742	ng		98
90) Dibenzo(a,h)anthracene	17.41	278	435522	22.761	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	433494	23.007	ng	#	91

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

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