Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107414.D
Acq On : 16 Jul 2018 20:39
Operator : JU/SJ
Sample : J3976-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

Manual Integrations APPROVED
Sohil
7/17/2018 4:53:03 PM

Quant Time: Jul 17 01:41:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	151765	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	578719	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	301275	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	550588	20.00	ng		0.00
75) Chrysene-d12	14.16	240	402307	20.00	ng		0.00
86) Perylene-d12	15.69	264	440867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	808375	80.90	ng		0.00
7) Phenol-d6	6.60	99	1065684	82.49	ng		0.00
23) Nitrobenzene-d5	7.54	82	751506	69.25	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	207984	78.57	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1148279	60.41	ng		0.00
78) Terphenyl-d14	13.09	244	996730	61.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	116867	23.689	ng		92
3) Pyridine	3.65	79	318776	23.957	ng		93
4) n-Nitrosodimethylamine	3.61	42	170398	31.186	ng		84
6) Aniline	6.64	93	320348	18.757	ng	#	83
8) 2-Chlorophenol	6.77	128	298012	29.489	ng		94
9) Benzaldehyde	6.53	77	215707	20.755	ng		92
10) Phenol	6.61	94	408673	29.505	ng		79
11) bis(2-Chloroethyl)ether	6.71	93	306561	27.121	ng		95
12) 1,3-Dichlorobenzene	6.92	146	333735	27.201	ng	#	86
13) 1,4-Dichlorobenzene	7.00	146	335157	27.557	ng	#	92
14) 1,2-Dichlorobenzene	7.15	146	311285m	27.354	ng		
15) Benzyl Alcohol	7.11	79	358798	27.653	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	329097	27.284	ng		81
17) 2-Methylphenol	7.22	107	290134	30.196	ng	#	85
18) Hexachloroethane	7.50	117	127604	28.198	ng	#	83
19) n-Nitroso-di-n-propylamine	7.38	70	268929	29.072	ng	#	97
20) 3+4-Methylphenols	7.37	107	361421	29.611	ng		86
22) Acetophenone	7.38	105	474160	29.820	ng	#	91
24) Nitrobenzene	7.56	77	380294	31.181	ng		91
25) Isophorone	7.80	82	701420	32.607	ng	#	92
26) 2-Nitrophenol	7.88	139	150491	36.298	ng	#	84
27) 2,4-Dimethylphenol	7.90	122	276044	31.929	ng	#	82
28) bis(2-Chloroethoxy)methane	8.00	93	416223	30.895	ng		98
29) 2,4-Dichlorophenol	8.11	162	271388	30.165	ng		93
30) 1,2,4-Trichlorobenzene	8.20	180	299847	27.523	ng		99
31) Naphthalene	8.28	128	842510	29.971	ng		97
32) Benzoic acid	7.99	122	115147m	21.701	ng		
33) 4-Chloroaniline	8.32	127	162582	13.355	ng	#	83
34) Hexachlorobutadiene	8.40	225	209281	28.708	ng		96
35) Caprolactam	8.68	113	86998	29.727	ng	#	84
36) 4-Chloro-3-methylphenol	8.80	107	348286	29.627	ng	#	83
37) 2-Methylnaphthalene	8.98	142	571385	30.837	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	344244	29.363	ng		98
40) Hexachlorocyclopentadiene	9.12	237	343176	56.044	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	221746m	30.300	ng		
43) 2,4,5-Trichlorophenol	9.28	196	218222	31.170	ng		91
45) 1,1'-Biphenyl	9.44	154	729845	28.019	ng		96
46) 2-Chloronaphthalene	9.47	162	588100	28.586	ng		96
47) 2-Nitroaniline	9.56	65	203798	32.370	ng	#	78
48) Acenaphthylene	9.88	152	873381	30.420	ng		95
49) Dimethylphthalate	9.74	163	933672	39.005	ng		99
50) 2,6-Dinitrotoluene	9.80	165	146214	32.010	ng	#	79
51) Acenaphthene	10.05	154	623767	32.773	ng		98
52) 3-Nitroaniline	9.97	138	101038	21.059	ng		83
53) 2,4-Dinitrophenol	10.07	184	130140	65.286	ng	#	28
54) Dibenzofuran	10.23	168	824649	28.038	ng		97
55) 4-Nitrophenol	10.12	139	198647	51.167	ng	#	52
56) 2,4-Dinitrotoluene	10.20	165	202048	33.936	ng	#	75
57) Fluorene	10.57	166	575198	29.528	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	192468	28.380	ng	#	89
59) Diethylphthalate	10.44	149	691650	29.741	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	329802	28.424	ng		95
61) 4-Nitroaniline	10.58	138	117383	25.708	ng	#	43
62) Azobenzene	10.72	77	756355	27.696	ng		89
64) 4,6-Dinitro-2-methylphenol	10.61	198	106269	37.886	ng		85
65) n-Nitrosodiphenylamine	10.68	169	542289	31.185	ng		95
66) 4-Bromophenyl-phenylether	11.05	248	193421	30.705	ng		95
67) Hexachlorobenzene	11.12	284	176400	30.252	ng		90
68) Atrazine	11.20	200	209953	31.950	ng		97
69) Pentachlorophenol	11.31	266	206723	47.974	ng		95
70) Phenanthrene	11.54	178	826348	30.116	ng		98
71) Anthracene	11.59	178	861258	31.514	ng		98
72) Carbazole	11.74	167	681025	26.321	ng		97
73) Di-n-butylphthalate	12.07	149	953560	32.069	ng	#	96
74) Fluoranthene	12.73	202	834973	26.773	ng		92
76) Benzidine	12.85	184	267884	17.157	ng		96
77) Pyrene	12.96	202	796349	29.109	ng		98
79) Butylbenzylphthalate	13.57	149	332038	33.320	ng	#	85
80) Benzo(a)anthracene	14.15	228	750130	30.474	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	163923	19.856	ng	#	96
82) Chrysene	14.18	228	717314	30.506	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	484147	33.904	ng	#	91
84) Di-n-octyl phthalate	14.75	149	822293	37.043	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	782354	46.743	ng	#	89
87) Benzo(b)fluoranthene	15.23	252	753061	29.183	ng	#	97
88) Benzo(k)fluoranthene	15.27	252	710319	28.206	ng	#	94
89) Benzo(a)pyrene	15.62	252	717445	30.292	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	614686	34.388	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	641669	35.328	ng	#	88

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

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