Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107174.D
Acq On : 6 Jul 2018 15:53
Operator : JU/SJ
Sample : J3858-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMS

Manual Integrations APPROVED
Sohil
7/9/2018 1:58:15 PM

Quant Time: Jul 06 16:28:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61925	20.00	ng		-0.02
21) Naphthalene-d8	8.23	136	244070	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	126098	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	226062	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	166001	20.00	ng		-0.03
86) Perylene-d12	15.68	264	183619	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	399800	109.32	ng		0.00
7) Phenol-d6	6.60	99	507284	111.08	ng		-0.02
23) Nitrobenzene-d5	7.51	82	329302	74.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	158616	108.53	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	571608	74.99	ng		-0.02
78) Terphenyl-d14	13.07	244	527925	77.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	54113	28.782	ng		97
3) Pyridine	3.63	79	148989	29.219	ng		99
4) n-Nitrosodimethylamine	3.59	42	63704	29.415	ng		85
6) Aniline	6.61	93	100268	16.185	ng	#	1
8) 2-Chlorophenol	6.74	128	143999	35.900	ng		97
9) Benzaldehyde	6.50	77	66111	18.374	ng		99
10) Phenol	6.61	94	187844	36.041	ng		87
11) bis(2-Chloroethyl)ether	6.68	93	142618	33.146	ng		98
12) 1,3-Dichlorobenzene	6.88	146	166850	35.516	ng		98
13) 1,4-Dichlorobenzene	6.96	146	166766	35.112	ng		98
14) 1,2-Dichlorobenzene	7.12	146	155515	35.728	ng		96
15) Benzyl Alcohol	7.09	79	122518	33.410	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	202373	35.848	ng	#	28
17) 2-Methylphenol	7.21	107	122739	35.757	ng	#	90
18) Hexachloroethane	7.45	117	55271	33.092	ng	#	82
19) n-Nitroso-di-n-propylamine	7.35	70	101335	33.662	ng		95
20) 3+4-Methylphenols	7.37	107	163698	43.865	ng		98
22) Acetophenone	7.35	105	202841	37.147	ng	#	99
24) Nitrobenzene	7.53	77	158086	35.257	ng		96
25) Isophorone	7.77	82	285016	36.828	ng		98
26) 2-Nitrophenol	7.85	139	80809	38.177	ng		97
27) 2,4-Dimethylphenol	7.88	122	134442	41.093	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	180796	34.794	ng		99
29) 2,4-Dichlorophenol	8.10	162	134099	39.150	ng		94
30) 1,2,4-Trichlorobenzene	8.17	180	145256	38.496	ng		97
31) Naphthalene	8.25	128	418059	36.637	ng		99
32) Benzoic acid	8.01	122	38666	20.039	ng		96
33) 4-Chloroaniline	8.30	127	44001	9.190	ng		99
34) Hexachlorobutadiene	8.35	225	93153	37.887	ng		98
35) Caprolactam	8.68	113	40338m	36.128	ng		
36) 4-Chloro-3-methylphenol	8.80	107	135577	37.605	ng		92
37) 2-Methylnaphthalene	8.94	142	307993	40.721	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	160723	37.848	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	30908	14.146	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	92483	32.763	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	95272	32.345	ng	#	87
45) 1,1'-Biphenyl	9.41	154	366073	36.427	ng		99
46) 2-Chloronaphthalene	9.44	162	270469	34.192	ng		95
47) 2-Nitroaniline	9.54	65	85952	32.313	ng		93
48) Acenaphthylene	9.85	152	422241	33.810	ng		99
49) Dimethylphthalate	9.70	163	434314	45.923	ng		98
50) 2,6-Dinitrotoluene	9.78	165	73977	36.939	ng		88
51) Acenaphthene	10.02	154	254730	32.391	ng		98
52) 3-Nitroaniline	9.95	138	38762	16.820	ng		97
53) 2,4-Dinitrophenol	10.07	184	34959	36.681	ng	#	19
54) Dibenzofuran	10.20	168	387757	36.008	ng		97
55) 4-Nitrophenol	10.14	139	54543	33.907	ng		96
56) 2,4-Dinitrotoluene	10.19	165	94003	35.961	ng	#	88
57) Fluorene	10.54	166	303517	35.518	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	79487	33.948	ng	#	76
59) Diethylphthalate	10.40	149	293758	32.182	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	157261	35.172	ng	#	87
61) 4-Nitroaniline	10.57	138	62162	27.179	ng		93
62) Azobenzene	10.69	77	281265	31.290	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	38081	27.252	ng		73
65) n-Nitrosodiphenylamine	10.65	169	262240	34.489	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	105142	38.971	ng	#	77
67) Hexachlorobenzene	11.09	284	106853	37.841	ng	#	84
68) Atrazine	11.17	200	89800	37.150	ng		94
69) Pentachlorophenol	11.30	266	45651	32.401	ng		99
70) Phenanthrene	11.51	178	405837	37.221	ng		99
71) Anthracene	11.56	178	414437	37.239	ng		100
72) Carbazole	11.72	167	345402	33.149	ng		98
73) Di-n-butylphthalate	12.02	149	400505	32.627	ng		99
74) Fluoranthene	12.70	202	373669	31.093	ng		96
76) Benzidine	12.82	184	131306	27.774	ng		97
77) Pyrene	12.94	202	367643	33.585	ng		99
79) Butylbenzylphthalate	13.53	149	130723	29.045	ng	#	97
80) Benzo(a)anthracene	14.13	228	359574	35.541	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	93232	26.220	ng	#	97
82) Chrysene	14.17	228	335612	36.057	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	166786	28.986	ng	#	98
84) Di-n-octyl phthalate	14.71	149	321321	34.259	ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	327553	41.468	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	413955	36.292	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	340138	31.314	ng	#	96
89) Benzo(a)pyrene	15.61	252	366488	36.143	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	276573	32.184	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	259690	30.918	ng	#	90

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

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