Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107440.D
Acq On : 17 Jul 2018 11:06
Operator : JU/SJ
Sample : J3976-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/18/2018 10:43:48 AM

Quant Time: Jul 17 12:25:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	132998	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	506982	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	278346	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	618131	20.00	ng		0.00
75) Chrysene-d12	14.17	240	461476	20.00	ng		0.00
86) Perylene-d12	15.70	264	420074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	720521	82.28	ng		0.00
7) Phenol-d6	6.61	99	943576	83.34	ng		0.00
23) Nitrobenzene-d5	7.55	82	687564	72.32	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	225582	92.24	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1085619	62.11	ng		0.00
78) Terphenyl-d14	13.11	244	1203105	64.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	104093	24.077	ng		89
3) Pyridine	3.66	79	278784	23.908	ng		93
4) n-Nitrosodimethylamine	3.61	42	150337	31.397	ng	#	85
6) Aniline	6.65	93	278170	18.586	ng	#	88
8) 2-Chlorophenol	6.77	128	273850	30.922	ng		96
9) Benzaldehyde	6.54	77	180970	19.870	ng		89
10) Phenol	6.62	94	377166	31.073	ng	#	77
11) bis(2-Chloroethyl)ether	6.72	93	279766	28.243	ng		94
12) 1,3-Dichlorobenzene	6.92	146	296513	27.577	ng	#	88
13) 1,4-Dichlorobenzene	7.00	146	303143	28.442	ng	#	92
14) 1,2-Dichlorobenzene	7.15	146	278278m	27.904	ng		
15) Benzyl Alcohol	7.12	79	328175	28.862	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	301474	28.521	ng		83
17) 2-Methylphenol	7.23	107	249209	29.596	ng	#	87
18) Hexachloroethane	7.50	117	117257	29.567	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	231348	28.539	ng	#	95
20) 3+4-Methylphenols	7.38	107	314014	29.358	ng	#	81
22) Acetophenone	7.39	105	406840	29.207	ng	#	91
24) Nitrobenzene	7.57	77	355527	33.275	ng	#	89
25) Isophorone	7.80	82	623110	33.065	ng	#	92
26) 2-Nitrophenol	7.88	139	143588	39.534	ng	#	73
27) 2,4-Dimethylphenol	7.91	122	263084	34.736	ng	#	84
28) bis(2-Chloroethoxy)methane	8.01	93	369107	31.274	ng		99
29) 2,4-Dichlorophenol	8.12	162	242001	30.705	ng		86
30) 1,2,4-Trichlorobenzene	8.21	180	275263	28.841	ng		99
31) Naphthalene	8.29	128	792281	32.173	ng		97
32) Benzoic acid	8.01	122	110410	23.753	ng	#	86
33) 4-Chloroaniline	8.33	127	183151	17.173	ng	#	78
34) Hexachlorobutadiene	8.40	225	180787	28.309	ng		97
35) Caprolactam	8.70	113	81865m	31.931	ng		
36) 4-Chloro-3-methylphenol	8.81	107	324711	31.530	ng	#	84
37) 2-Methylnaphthalene	8.98	142	526721	32.449	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	319596	29.506	ng		98
40) Hexachlorocyclopentadiene	9.13	237	304110	53.755	ng		97

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42) 2,4,6-Trichlorophenol	9.26	196	206908	30.601 ng		95
43) 2,4,5-Trichlorophenol	9.30	196	208621m	32.253 ng		
45) 1,1'-Biphenyl	9.44	154	689917	28.668 ng		98
46) 2-Chloronaphthalene	9.47	162	544703	28.657 ng		92
47) 2-Nitroaniline	9.57	65	226554	38.948 ng	#	72
48) Acenaphthylene	9.89	152	818293	30.849 ng		97
49) Dimethylphthalate	9.74	163	886512	40.085 ng		100
50) 2,6-Dinitrotoluene	9.81	165	152986	36.251 ng	#	77
51) Acenaphthene	10.06	154	619221	35.214 ng		95
52) 3-Nitroaniline	9.98	138	108880	24.563 ng	#	87
53) 2,4-Dinitrophenol	10.08	184	156157	77.284 ng	#	26
54) Dibenzofuran	10.24	168	777382	28.608 ng		96
55) 4-Nitrophenol	10.14	139	233201	65.016 ng	#	47
56) 2,4-Dinitrotoluene	10.21	165	210123	38.199 ng	#	85
57) Fluorene	10.58	166	572899	31.833 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	200033	31.926 ng	#	87
59) Diethylphthalate	10.44	149	668942	31.134 ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	309092	28.833 ng		91
61) 4-Nitroaniline	10.60	138	141324	33.502 ng	#	52
62) Azobenzene	10.73	77	726542	28.796 ng		89
64) 4,6-Dinitro-2-methylphenol	10.62	198	125920	39.571 ng		92
65) n-Nitrosodiphenylamine	10.68	169	562177	28.796 ng		95
66) 4-Bromophenyl-phenylether	11.06	248	195353	27.624 ng		88
67) Hexachlorobenzene	11.12	284	194757	29.751 ng	#	89
68) Atrazine	11.21	200	222020	30.094 ng		98
69) Pentachlorophenol	11.32	266	221404	45.767 ng		99
70) Phenanthrene	11.55	178	926156	30.065 ng		97
71) Anthracene	11.60	178	934535	30.458 ng		99
72) Carbazole	11.75	167	809982	27.885 ng		98
73) Di-n-butylphthalate	12.07	149	1023554	30.661 ng	#	98
74) Fluoranthene	12.74	202	1023787	29.240 ng		96
76) Benzidine	12.85	184	284529	15.887 ng	#	93
77) Pyrene	12.97	202	1024729	32.654 ng		97
79) Butylbenzylphthalate	13.58	149	443149	38.768 ng	#	81
80) Benzo(a)anthracene	14.16	228	842746	29.847 ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	184728	19.507 ng	#	98
82) Chrysene	14.19	228	779892	28.915 ng		97
83) Bis(2-ethylhexyl)phthalate	14.13	149	598845	36.559 ng		94
84) Di-n-octyl phthalate	14.75	149	937921	36.834 ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	743697	38.736 ng	#	89
87) Benzo(b)fluoranthene	15.25	252	738762	30.046 ng	#	95
88) Benzo(k)fluoranthene	15.28	252	680788	28.372 ng	#	95
89) Benzo(a)pyrene	15.64	252	690280	30.587 ng	#	97
90) Dibenzo(a,h)anthracene	17.31	278	597975	35.109 ng	#	88
91) Benzo(g,h,i)perylene	17.77	276	610166	35.256 ng	#	86

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

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