Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108753.D
Acq On : 4 Sep 2018 20:49
Operator : JU/SJ
Sample : J4748-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Manual Integrations APPROVED
Sohil
9/5/2018 12:47:46 PM

Quant Time: Sep 05 05:37:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	69241	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	260803	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	122738	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	258219	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	196550	20.00	ng		-0.01
86) Perylene-d12	15.74	264	141139	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	320635	80.44	ng		-0.02
7) Phenol-d6	6.62	99	492917	86.35	ng		-0.02
23) Nitrobenzene-d5	7.56	82	340575	66.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.83	330	149293	92.14	ng		-0.02
44) 2-Fluorobiphenyl	9.34	172	617046	67.60	ng		-0.02
78) Terphenyl-d14	13.11	244	767622	75.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	56485	30.494	ng		86
3) Pyridine	3.68	79	116988	27.335	ng		87
4) n-Nitrosodimethylamine	3.65	42	51411	24.082	ng	#	72
6) Aniline	6.68	93	174776	28.373	ng	#	83
8) 2-Chlorophenol	6.78	128	189068	38.796	ng		95
9) Benzaldehyde	6.64	77	81153m	23.000	ng		
10) Phenol	6.64	94	188140	28.262	ng		83
11) bis(2-Chloroethyl)ether	6.72	93	214419	36.579	ng		98
12) 1,3-Dichlorobenzene	6.93	146	194010	34.335	ng		97
13) 1,4-Dichlorobenzene	7.01	146	227431	36.873	ng		98
14) 1,2-Dichlorobenzene	7.16	146	222884	39.346	ng		97
15) Benzyl Alcohol	7.15	79	105028m	25.576	ng		
16) 2,2'-oxybis(1-Chloropropan	7.25	45	338867	37.683	ng		76
17) 2-Methylphenol	7.24	107	130770	34.513	ng	#	76
18) Hexachloroethane	7.50	117	64143	30.239	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	136368	35.671	ng		91
20) 3+4-Methylphenols	7.40	107	145710	30.693	ng	#	21
22) Acetophenone	7.40	105	269766	41.434	ng	#	88
24) Nitrobenzene	7.58	77	183045	35.134	ng		93
25) Isophorone	7.80	82	378585	44.355	ng		95
26) 2-Nitrophenol	7.90	139	69286	29.378	ng		87
27) 2,4-Dimethylphenol	7.92	122	161852	47.186	ng		97
28) bis(2-Chloroethoxy)methane	8.01	93	214559	39.793	ng		98
29) 2,4-Dichlorophenol	8.14	162	148730	36.549	ng		98
30) 1,2,4-Trichlorobenzene	8.21	180	171878	37.771	ng		95
31) Naphthalene	8.30	128	555566	44.723	ng		99
32) Benzoic acid	8.03	122	25024m	11.376	ng		
33) 4-Chloroaniline	8.36	127	181888	33.169	ng		97
34) Hexachlorobutadiene	8.40	225	114779	38.415	ng		97
35) Caprolactam	8.71	113	35996	33.197	ng	#	82
36) 4-Chloro-3-methylphenol	8.83	107	152745	34.973	ng		99
37) 2-Methylnaphthalene	8.99	142	340938	40.565	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	180738	41.478	ng	#	97
40) Hexachlorocyclopentadiene	9.13	237	9646	11.814	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	92273	35.760	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	111675	37.113	ng		94
45) 1,1'-Biphenyl	9.45	154	437539	40.948	ng		99
46) 2-Chloronaphthalene	9.48	162	335065	40.055	ng		97
47) 2-Nitroaniline	9.59	65	114935	41.081	ng		86
48) Acenaphthylene	9.90	152	522499	42.664	ng		100
49) Dimethylphthalate	9.74	163	544964	56.385	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	75314	35.352	ng	#	91
51) Acenaphthene	10.07	154	302650	41.332	ng		100
52) 3-Nitroaniline	10.01	138	99914	43.353	ng		91
54) Dibenzofuran	10.24	168	453620	39.590	ng		95
55) 4-Nitrophenol	10.19	139	57059	41.258	ng		84
56) 2,4-Dinitrotoluene	10.23	165	91715	32.513	ng	#	89
57) Fluorene	10.58	166	373063	42.014	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.36	232	113808	42.219	ng	#	78
59) Diethylphthalate	10.44	149	389365	39.986	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	191557	38.017	ng		93
61) 4-Nitroaniline	10.64	138	89400	40.087	ng		86
62) Azobenzene	10.73	77	374693	38.713	ng		93
65) n-Nitrosodiphenylamine	10.70	169	338922	39.506	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	126646	39.906	ng	#	86
67) Hexachlorobenzene	11.13	284	129411	37.850	ng	#	89
68) Atrazine	11.21	200	107513	45.497	ng		97
69) Pentachlorophenol	11.34	266	97313	53.563	ng		99
70) Phenanthrene	11.55	178	523509	40.166	ng		99
71) Anthracene	11.61	178	640260	46.752	ng		99
72) Carbazole	11.77	167	541515	40.894	ng		100
73) Di-n-butylphthalate	12.07	149	624925	41.018	ng		99
74) Fluoranthene	12.75	202	661577	45.095	ng		94
76) Benzidine	12.88	184	487435	88.102	ng		98
77) Pyrene	12.98	202	639716	43.297	ng		100
79) Butylbenzylphthalate	13.58	149	276037	44.430	ng		96
80) Benzo(a)anthracene	14.18	228	472648	39.446	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	191931	44.169	ng	#	96
82) Chrysene	14.21	228	490344	42.554	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	375708	47.047	ng		99
84) Di-n-octyl phthalate	14.75	149	552612	47.066	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	345116	43.074	ng	#	88
87) Benzo(b)fluoranthene	15.27	252	348367	40.181	ng	#	96
88) Benzo(k)fluoranthene	15.30	252	372973	43.426	ng	#	95
89) Benzo(a)pyrene	15.68	252	329365	42.037	ng	#	96
90) Dibenzo(a,h)anthracene	17.37	278	291221	46.538	ng	#	92
91) Benzo(g,h,i)perylene	17.85	276	277876	45.688	ng	#	88

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

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