Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106443.D
Acq On : 14 Jun 2018 15:43
Operator : JU/SJ
Sample : J3493-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Sohil
6/15/2018 11:16:47 AM

Quant Time: Jun 14 18:59:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	129623	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	496455	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	230867	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	389069	20.00	ng		0.00
75) Chrysene-d12	14.15	240	307293	20.00	ng		0.00
86) Perylene-d12	15.70	264	320264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	901766	117.74	ng		0.00
7) Phenol-d6	6.62	99	1093124	112.97	ng		0.00
23) Nitrobenzene-d5	7.53	82	807287	95.66	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	270570	121.80	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1136729	88.62	ng		0.00
78) Terphenyl-d14	13.08	244	1007185	81.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	139828	35.278	ng		94
3) Pyridine	3.63	79	394906	35.753	ng		99
4) n-Nitrosodimethylamine	3.60	42	196056	38.746	ng		92
6) Aniline	6.64	93	415602	29.414	ng	#	74
8) 2-Chlorophenol	6.77	128	367138	44.577	ng		99
9) Benzaldehyde	6.52	77	246685	33.611	ng		100
10) Phenol	6.63	94	470397	44.532	ng	#	68
11) bis(2-Chloroethyl)ether	6.71	93	380456	42.073	ng		99
12) 1,3-Dichlorobenzene	6.91	146	415028	42.816	ng		99
13) 1,4-Dichlorobenzene	6.98	146	415122	42.201	ng		99
14) 1,2-Dichlorobenzene	7.14	146	392992	42.440	ng		100
15) Benzyl Alcohol	7.11	79	344296	41.549	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	541320	41.760	ng		49
17) 2-Methylphenol	7.23	107	311545	42.398	ng	#	91
18) Hexachloroethane	7.48	117	145211	41.430	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	251945	34.707	ng		95
20) 3+4-Methylphenols	7.38	107	386279	41.107	ng		90
22) Acetophenone	7.37	105	508063	40.609	ng	#	97
24) Nitrobenzene	7.55	77	425299	46.367	ng		100
25) Isophorone	7.78	82	753813	45.732	ng		97
26) 2-Nitrophenol	7.87	139	207616	58.315	ng		99
27) 2,4-Dimethylphenol	7.90	122	331339	47.482	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	467981	43.785	ng		99
29) 2,4-Dichlorophenol	8.12	162	333456	49.532	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	331707	43.944	ng		97
31) Naphthalene	8.27	128	1015232	45.237	ng		98
32) Benzoic acid	8.01	122	128470m	28.459	ng		
33) 4-Chloroaniline	8.32	127	298316	29.995	ng		98
34) Hexachlorobutadiene	8.38	225	209328	43.165	ng		97
35) Caprolactam	8.69	113	109492m	48.084	ng		
36) 4-Chloro-3-methylphenol	8.81	107	343906	46.182	ng		97
37) 2-Methylnaphthalene	8.97	142	687447	44.974	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	345465	46.095	ng		97
40) Hexachlorocyclopentadiene	9.11	237	247405	59.832	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	246770	51.667	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	254190	49.368	ng	#	93
45) 1,1'-Biphenyl	9.42	154	799225	44.695	ng		98
46) 2-Chloronaphthalene	9.45	162	653164	45.644	ng		98
47) 2-Nitroaniline	9.55	65	236040	52.433	ng		94
48) Acenaphthylene	9.87	152	1016804	46.422	ng		98
49) Dimethylphthalate	9.72	163	885619	53.693	ng		99
50) 2,6-Dinitrotoluene	9.79	165	173110	51.380	ng		95
51) Acenaphthene	10.04	154	622496	44.007	ng		99
52) 3-Nitroaniline	9.97	138	145976	36.504	ng		96
53) 2,4-Dinitrophenol	10.07	184	94359	63.045	ng	#	21
54) Dibenzofuran	10.22	168	857511	45.018	ng		99
55) 4-Nitrophenol	10.15	139	250136	81.608	ng		91
56) 2,4-Dinitrotoluene	10.20	165	228650	54.043	ng		97
57) Fluorene	10.56	166	646706	42.852	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	201962	49.490	ng	#	84
59) Diethylphthalate	10.42	149	700484	42.787	ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	336707	42.419	ng		90
61) 4-Nitroaniline	10.58	138	170956	43.940	ng		98
62) Azobenzene	10.71	77	708991	41.532	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	79898	39.370	ng		84
65) n-Nitrosodiphenylamine	10.67	169	622499	47.606	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	223998	50.619	ng	#	80
67) Hexachlorobenzene	11.11	284	220138	48.253	ng	#	86
68) Atrazine	11.19	200	197546	49.023	ng		97
69) Pentachlorophenol	11.31	266	190978	67.993	ng		97
70) Phenanthrene	11.52	178	873524	45.844	ng		99
71) Anthracene	11.58	178	895899	46.933	ng		98
72) Carbazole	11.74	167	775713	44.017	ng		99
73) Di-n-butylphthalate	12.05	149	900172	45.895	ng		99
74) Fluoranthene	12.72	202	824758	40.588	ng		97
76) Benzidine	12.84	184	297690	29.108	ng		98
77) Pyrene	12.95	202	826430	42.957	ng		99
79) Butylbenzylphthalate	13.55	149	318398	44.213	ng		99
80) Benzo(a)anthracene	14.15	228	830011	45.389	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	271298	43.971	ng		97
82) Chrysene	14.18	228	781013	46.779	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	400382	38.776	ng		99
84) Di-n-octyl phthalate	14.75	149	703805	47.280	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	694241	52.102	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	858269	44.333	ng		96
88) Benzo(k)fluoranthene	15.28	252	796043m	41.519	ng		
89) Benzo(a)pyrene	15.64	252	800037	45.944	ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	589368	40.598	ng		96
91) Benzo(g,h,i)perylene	17.75	276	554526	39.305	ng	#	91

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

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