Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108390.D
Acq On : 22 Aug 2018 18:27
Operator : JU/SJ
Sample : J4569-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:16 PM

Quant Time: Aug 23 04:54:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	180874	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	677926	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	322951	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	595780	20.00	ng		0.00
75) Chrysene-d12	14.19	240	326114	20.00	ng		0.00
86) Perylene-d12	15.75	264	339511	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	909834	91.07	ng		0.00
7) Phenol-d6	6.63	99	1255693	94.58	ng		0.00
23) Nitrobenzene-d5	7.57	82	828120	68.16	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	346219	107.48	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1511625	75.15	ng		0.00
78) Terphenyl-d14	13.13	244	1267039	98.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	106471	20.740	ng	#	84
3) Pyridine	3.70	79	298159	22.547	ng		89
4) n-Nitrosodimethylamine	3.66	42	198127	26.626	ng	#	84
6) Aniline	6.67	93	521884	28.900	ng		97
8) 2-Chlorophenol	6.79	128	365686	32.500	ng		96
9) Benzaldehyde	6.55	77	237824	23.105	ng		96
10) Phenol	6.64	94	458888	33.416	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	352246	31.728	ng		93
12) 1,3-Dichlorobenzene	6.94	146	393878	30.274	ng		97
13) 1,4-Dichlorobenzene	7.02	146	400540	30.642	ng		98
14) 1,2-Dichlorobenzene	7.17	146	377401	31.039	ng		99
15) Benzyl Alcohol	7.14	79	347256	31.070	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	674328	29.483	ng		99
17) 2-Methylphenol	7.25	107	324261	33.605	ng		96
18) Hexachloroethane	7.51	117	143713	30.881	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	277503	30.910	ng		90
20) 3+4-Methylphenols	7.40	107	400709	32.406	ng	#	82
22) Acetophenone	7.41	105	529867	33.427	ng	#	95
24) Nitrobenzene	7.59	77	411632	33.507	ng		100
25) Isophorone	7.82	82	764039	32.995	ng		96
26) 2-Nitrophenol	7.90	139	187403	40.393	ng		94
27) 2,4-Dimethylphenol	7.93	122	349350	33.992	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	456290	33.754	ng		98
29) 2,4-Dichlorophenol	8.14	162	331103	35.008	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	348162	33.388	ng		97
31) Naphthalene	8.31	128	1058975	34.348	ng		100
32) Benzoic acid	8.03	122	122765	23.997	ng		89
33) 4-Chloroaniline	8.35	127	405772	30.201	ng		98
34) Hexachlorobutadiene	8.42	225	223385	33.839	ng		99
35) Caprolactam	8.72	113	95707m	32.291	ng		
36) 4-Chloro-3-methylphenol	8.83	107	344254	33.740	ng		97
37) 2-Methylnaphthalene	9.00	142	734906	33.691	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	372332	37.543	ng		98
40) Hexachlorocyclopentadiene	9.15	237	253386	39.556	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	241036	39.165	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	257623	38.027	ng		94
45) 1,1'-Biphenyl	9.47	154	882211	37.050	ng		98
46) 2-Chloronaphthalene	9.50	162	689089	36.616	ng		97
47) 2-Nitroaniline	9.59	65	228597	37.541	ng		90
48) Acenaphthylene	9.91	152	1073030	36.065	ng		99
49) Dimethylphthalate	9.76	163	980018	43.564	ng		99
50) 2,6-Dinitrotoluene	9.83	165	177952	37.809	ng		99
51) Acenaphthene	10.08	154	636045	34.903	ng		100
52) 3-Nitroaniline	10.00	138	164727	31.988	ng		93
53) 2,4-Dinitrophenol	10.11	184	106267	62.056	ng	#	22
54) Dibenzofuran	10.25	168	932715	35.328	ng		96
55) 4-Nitrophenol	10.16	139	251591	64.517	ng	#	83
56) 2,4-Dinitrotoluene	10.24	165	232533	38.382	ng	#	100
57) Fluorene	10.60	166	732264	35.037	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	209233	36.951	ng	#	87
59) Diethylphthalate	10.46	149	789375	36.237	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	379268	34.826	ng		96
61) 4-Nitroaniline	10.62	138	178338	35.028	ng		93
62) Azobenzene	10.75	77	764720	33.992	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	74737	35.041	ng		84
65) n-Nitrosodiphenylamine	10.71	169	672767	38.213	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	241523	37.303	ng		90
67) Hexachlorobenzene	11.15	284	246943	36.250	ng	#	89
68) Atrazine	11.23	200	214690	36.357	ng		96
69) Pentachlorophenol	11.35	266	226655	69.513	ng		97
70) Phenanthrene	11.57	178	1002427	35.672	ng		99
71) Anthracene	11.62	178	1022654	35.507	ng		100
72) Carbazole	11.78	167	870192	34.006	ng		99
73) Di-n-butylphthalate	12.09	149	1128047	38.919	ng		100
74) Fluoranthene	12.77	202	936611	30.540	ng		94
76) Benzidine	12.88	184	468513	38.452	ng		98
77) Pyrene	12.99	202	885945	42.910	ng		100
79) Butylbenzylphthalate	13.59	149	362521	44.219	ng	#	96
80) Benzo(a)anthracene	14.18	228	677059	36.176	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	226577	33.781	ng	#	98
82) Chrysene	14.22	228	618976	36.074	ng		98
83) Bis(2-ethylhexyl)phthalate	14.15	149	483607	43.560	ng		100
84) Di-n-octyl phthalate	14.77	149	736445	43.495	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	677168	45.548	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	687315	33.879	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	569148	30.519	ng	#	96
89) Benzo(a)pyrene	15.68	252	620243	34.142	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	569695	37.901	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	529807	35.796	ng	#	90

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

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