Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109473.D
Acq On : 1 Oct 2018 15:36
Operator : JU/SJ
Sample : J5077-04MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MS

Manual Integrations APPROVED
Sohil
10/2/2018 1:01:24 PM

Quant Time: Oct 01 16:47:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113405	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	434444	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	195925	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	335224	20.00	ng		0.00
75) Chrysene-d12	13.84	240	269971	20.00	ng		0.00
86) Perylene-d12	15.24	264	222473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	649056	94.27	ng		0.01
7) Phenol-d6	6.36	99	798456	90.88	ng		0.00
23) Nitrobenzene-d5	7.27	82	515160	70.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	177517	91.91	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	849346	65.38	ng		-0.01
78) Terphenyl-d14	12.79	244	705201	64.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	73382	23.141	ng		96
3) Pyridine	3.10	79	204764	25.089	ng		90
4) n-Nitrosodimethylamine	3.02	42	103010	29.658	ng		95
6) Aniline	6.37	93	208169	18.520	ng	#	1
8) 2-Chlorophenol	6.50	128	237761	31.053	ng		94
9) Benzaldehyde	6.25	77	112982	20.018	ng		100
10) Phenol	6.37	94	294377	29.587	ng	#	67
11) bis(2-Chloroethyl)ether	6.45	93	230185	29.566	ng		94
12) 1,3-Dichlorobenzene	6.65	146	257754	29.239	ng		98
13) 1,4-Dichlorobenzene	6.72	146	261521	29.447	ng		99
14) 1,2-Dichlorobenzene	6.87	146	244622	29.858	ng		99
15) Benzyl Alcohol	6.85	79	206490	30.705	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	310480	28.115	ng		80
17) 2-Methylphenol	6.97	107	187796	30.313	ng	#	93
18) Hexachloroethane	7.22	117	93036	29.734	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	168823	29.325	ng		99
20) 3+4-Methylphenols	7.13	107	237449	31.746	ng		93
22) Acetophenone	7.12	105	338308	33.682	ng		99
24) Nitrobenzene	7.29	77	251210	32.103	ng		97
25) Isophorone	7.53	82	451579	34.075	ng		97
26) 2-Nitrophenol	7.60	139	121582	39.288	ng		96
27) 2,4-Dimethylphenol	7.65	122	199261	34.507	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	288691	32.908	ng		98
29) 2,4-Dichlorophenol	7.85	162	198191	32.667	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	205257	30.277	ng		95
31) Naphthalene	8.01	128	673167	33.159	ng		99
32) Benzoic acid	7.73	122	8105	8.570	ng		97
33) 4-Chloroaniline	8.06	127	158723	17.897	ng		98
34) Hexachlorobutadiene	8.13	225	122149	29.888	ng		99
35) Caprolactam	8.42	113	59010	30.465	ng	#	85
36) 4-Chloro-3-methylphenol	8.55	107	196640	30.801	ng		99
37) 2-Methylnaphthalene	8.70	142	441812	33.759	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	202958	32.549	ng		98
40) Hexachlorocyclopentadiene	8.86	237	118305	43.500	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	134047	33.496	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	136402	32.273	ng	#	93
45) 1,1'-Biphenyl	9.16	154	525954	32.948	ng		97
46) 2-Chloronaphthalene	9.19	162	400968	31.442	ng		98
47) 2-Nitroaniline	9.28	65	121988	33.739	ng		91
48) Acenaphthylene	9.60	152	619013	32.176	ng		100
49) Dimethylphthalate	9.46	163	557491	39.121	ng		99
50) 2,6-Dinitrotoluene	9.52	165	97934	34.700	ng		92
51) Acenaphthene	9.77	154	359961	30.947	ng		98
52) 3-Nitroaniline	9.69	138	79196	24.230	ng		99
53) 2,4-Dinitrophenol	9.80	184	21196	27.430	ng	#	21
54) Dibenzofuran	9.94	168	526033	30.410	ng		97
55) 4-Nitrophenol	9.87	139	130728	53.095	ng		95
56) 2,4-Dinitrotoluene	9.93	165	121748	34.093	ng	#	98
57) Fluorene	10.28	166	391569	31.726	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	108345	32.375	ng	#	88
59) Diethylphthalate	10.16	149	450918	31.247	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	189919	29.461	ng		96
61) 4-Nitroaniline	10.30	138	78054	24.488	ng		97
62) Azobenzene	10.43	77	428657	28.591	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	25292	22.810	ng		89
65) n-Nitrosodiphenylamine	10.39	169	365169	32.970	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	119009	31.970	ng	#	88
67) Hexachlorobenzene	10.83	284	121033	30.614	ng	#	89
68) Atrazine	10.92	200	112842	33.127	ng		99
69) Pentachlorophenol	11.03	266	121844	51.492	ng		98
70) Phenanthrene	11.24	178	555566	33.193	ng		98
71) Anthracene	11.29	178	556862	32.802	ng		99
72) Carbazole	11.45	167	478844	28.350	ng		99
73) Di-n-butylphthalate	11.78	149	615750	31.667	ng		99
74) Fluoranthene	12.42	202	604256	33.782	ng		96
76) Benzidine	12.54	184	752	0.077	ng	#	1
77) Pyrene	12.64	202	602431	31.136	ng		100
79) Butylbenzylphthalate	13.27	149	253706	30.821	ng		94
80) Benzo(a)anthracene	13.83	228	518448	31.883	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	70453	11.400	ng	#	96
82) Chrysene	13.87	228	519808	32.252	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	336560	32.420	ng		97
84) Di-n-octyl phthalate	14.44	149	608974	34.308	ng		100
85) Indeno(1,2,3-cd)pyrene	16.61	276	354084	27.104	ng	#	92
87) Benzo(b)fluoranthene	14.85	252	491530	40.208	ng		97
88) Benzo(k)fluoranthene	14.88	252	363488m	31.334	ng		
89) Benzo(a)pyrene	15.19	252	378550	34.365	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	291440	32.249	ng	#	94
91) Benzo(g,h,i)perylene	17.02	276	297920	33.543	ng	#	92

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

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