Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106433.D
Acq On : 14 Jun 2018 10:36
Operator : JU/SJ
Sample : PB110241BSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110241BSD

Manual Integrations APPROVED
Sohil
6/14/2018 2:48:26 PM

Quant Time: Jun 14 11:37:47 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 11:27:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	129582	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	495560	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	240884	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	478866	20.00	ng		0.00
75) Chrysene-d12	14.15	240	339417	20.00	ng		0.00
86) Perylene-d12	15.69	264	332412	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	810552	105.87	ng		0.00
7) Phenol-d6	6.61	99	949056	98.11	ng		0.00
23) Nitrobenzene-d5	7.53	82	664998	78.94	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	306135	132.08	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1156834	85.42	ng		0.00
78) Terphenyl-d14	13.08	244	1180902	86.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	113443	28.630	ng		96
3) Pyridine	3.63	79	336953	30.515	ng		98
4) n-Nitrosodimethylamine	3.59	42	149459	29.546	ng		91
6) Aniline	6.63	93	270338	19.139	ng	#	38
8) 2-Chlorophenol	6.77	128	296295	35.987	ng		99
9) Benzaldehyde	6.52	77	197857	26.967	ng		97
10) Phenol	6.62	94	377198	35.720	ng		76
11) bis(2-Chloroethyl)ether	6.70	93	303982	33.627	ng		96
12) 1,3-Dichlorobenzene	6.91	146	336194	34.694	ng		99
13) 1,4-Dichlorobenzene	6.98	146	339404	34.515	ng		99
14) 1,2-Dichlorobenzene	7.14	146	316154	34.153	ng		99
15) Benzyl Alcohol	7.11	79	274365	33.120	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	453012	34.959	ng	#	44
17) 2-Methylphenol	7.23	107	251991	34.304	ng	#	90
18) Hexachloroethane	7.48	117	117166	33.439	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	216193	29.791	ng		97
20) 3+4-Methylphenols	7.38	107	335908	35.758	ng		92
22) Acetophenone	7.37	105	414793	33.214	ng	#	98
24) Nitrobenzene	7.55	77	335267	36.618	ng		96
25) Isophorone	7.78	82	612967	37.254	ng		97
26) 2-Nitrophenol	7.87	139	161388	45.412	ng		99
27) 2,4-Dimethylphenol	7.90	122	274471	39.404	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	383893	35.983	ng		98
29) 2,4-Dichlorophenol	8.12	162	266429	39.647	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	274323	36.408	ng		95
31) Naphthalene	8.27	128	835124	37.279	ng		99
32) Benzoic acid	8.02	122	146600	31.491	ng		94
33) 4-Chloroaniline	8.32	127	122024	12.291	ng		98
34) Hexachlorobutadiene	8.38	225	178503	36.875	ng		98
35) Caprolactam	8.68	113	88786m	39.061	ng		
36) 4-Chloro-3-methylphenol	8.81	107	283924	38.196	ng		95
37) 2-Methylnaphthalene	8.97	142	582059	38.148	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	295160	37.745	ng		96
40) Hexachlorocyclopentadiene	9.11	237	160851	37.282	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	203998	40.936	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	217355	40.459	ng	#	92
45) 1,1'-Biphenyl	9.42	154	691452	37.060	ng		99
46) 2-Chloronaphthalene	9.45	162	561880	37.632	ng		97
47) 2-Nitroaniline	9.55	65	194635	41.438	ng		98
48) Acenaphthylene	9.87	152	887573	38.837	ng		97
49) Dimethylphthalate	9.72	163	662886	38.518	ng		99
50) 2,6-Dinitrotoluene	9.79	165	147676	42.008	ng		99
51) Acenaphthene	10.04	154	546026	36.996	ng		98
52) 3-Nitroaniline	9.96	138	100655	24.124	ng		98
53) 2,4-Dinitrophenol	10.07	184	79498	52.566	ng	#	18
54) Dibenzofuran	10.21	168	766503	38.567	ng		95
55) 4-Nitrophenol	10.15	139	216598	67.727	ng		90
56) 2,4-Dinitrotoluene	10.20	165	199438	45.178	ng		94
57) Fluorene	10.56	166	598283	37.995	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	177648	41.721	ng	#	84
59) Diethylphthalate	10.42	149	641020	37.527	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	313263	37.824	ng		89
61) 4-Nitroaniline	10.58	138	145188	35.765	ng		97
62) Azobenzene	10.71	77	663070	37.227	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	72496	30.679	ng		85
65) n-Nitrosodiphenylamine	10.67	169	577140	35.861	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	213822	39.258	ng	#	80
67) Hexachlorobenzene	11.11	284	215393	38.359	ng	#	84
68) Atrazine	11.19	200	202083	40.745	ng		99
69) Pentachlorophenol	11.31	266	173899	50.303	ng		100
70) Phenanthrene	11.52	178	876722	37.384	ng		98
71) Anthracene	11.58	178	885480	37.689	ng		98
72) Carbazole	11.74	167	781130	36.013	ng		98
73) Di-n-butylphthalate	12.05	149	994577	41.199	ng		99
74) Fluoranthene	12.72	202	827911	33.103	ng		96
76) Benzidine	12.84	184	492426	43.592	ng		99
77) Pyrene	12.95	202	812728	38.247	ng		98
79) Butylbenzylphthalate	13.55	149	376733	47.362	ng		98
80) Benzo(a)anthracene	14.14	228	764213	37.835	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	198772	29.167	ng	#	97
82) Chrysene	14.18	228	710293	38.516	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	514705	45.130	ng		99
84) Di-n-octyl phthalate	14.75	149	796473	48.441	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	572727	38.914	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	738369	36.746	ng		97
88) Benzo(k)fluoranthene	15.27	252	732811	36.824	ng	#	97
89) Benzo(a)pyrene	15.62	252	684068	37.849	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	494819	32.839	ng	#	96
91) Benzo(g,h,i)perylene	17.73	276	442091	30.190	ng	#	93

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

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