

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110063.D
 Acq On : 22 Oct 2018 21:41
 Operator : JU/SJ
 Sample : J5605-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 04:38:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189895	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	689051	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	275119	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	416853	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	311764	20.00	ng	-0.01
87) Perylene-d12	15.67	264	238155	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1488381	124.24	ng	0.00
7) Phenol-d6	6.60	99	1872519	125.88	ng	0.00
23) Nitrobenzene-d5	7.54	82	1139838	111.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	321260	134.88	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1803360	104.59	ng	0.00
79) Terphenyl-d14	13.09	244	1323184	89.12	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.91	88	195244	28.695	ng	91
3) Pyridine	3.67	79	575086	37.911	ng	89
4) n-Nitrosodimethylamine	3.63	42	286498	46.299	ng	94
6) Aniline	6.64	93	825241	41.166	ng	# 53
8) 2-Chlorophenol	6.76	128	575533	42.889	ng	99
9) Benzaldehyde	6.53	77	332592	34.405	ng	94
10) Phenol	6.62	94	840861	52.355	ng	# 65
11) bis(2-Chloroethyl)ether	6.71	93	555184	41.342	ng	94
12) 1,3-Dichlorobenzene	6.92	146	618639	42.043	ng	97
13) 1,4-Dichlorobenzene	6.99	146	620233	41.854	ng	98
14) 1,2-Dichlorobenzene	7.15	146	576000	42.210	ng	100
15) Benzyl Alcohol	7.11	79	509649	44.533	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	899984	40.832	ng	68
17) 2-Methylphenol	7.22	107	472549	43.671	ng	# 81
18) Hexachloroethane	7.49	117	207653	39.652	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	390810	40.917	ng	96
20) 3+4-Methylphenols	7.37	107	586126	42.685	ng	92
22) Acetophenone	7.38	105	768148	48.070	ng	# 96
24) Nitrobenzene	7.56	77	580396	52.232	ng	96
25) Isophorone	7.79	82	1064138	52.946	ng	96
26) 2-Nitrophenol	7.87	139	280930	60.975	ng	97
27) 2,4-Dimethylphenol	7.90	122	517677	53.474	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	677039	49.084	ng	99
29) 2,4-Dichlorophenol	8.11	162	453777	48.319	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	496810	47.247	ng	96
31) Naphthalene	8.28	128	1546804	48.954	ng	99
32) Benzoic acid	7.99	122	139925	23.198	ng	91
33) 4-Chloroaniline	8.32	127	615537	43.336	ng	99
34) Hexachlorobutadiene	8.39	225	274697	47.374	ng	99
35) Caprolactam	8.69	113	147283m	44.159	ng	
36) 4-Chloro-3-methylphenol	8.80	107	455763	46.003	ng	96
37) 2-Methylnaphthalene	8.97	142	1032349	50.456	ng	98
38) 1-Methylnaphthalene	9.07	142	959730	48.408	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	430717	50.828	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	168871	41.289	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	281015	53.035	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	287799	52.333	nq	93
46) 1,1'-Biphenyl	9.43	154	1183355	48.277	nq	99
47) 2-Chloronaphthalene	9.46	162	883238	48.918	nq	99
48) 2-Nitroaniline	9.56	65	275391	59.434	nq	92
49) Acenaphthylene	9.88	152	1321874	50.396	nq	98
50) Dimethylphthalate	9.73	163	1193946	61.288	nq	100
51) 2,6-Dinitrotoluene	9.80	165	214195	57.889	nq	# 85
52) Acenaphthene	10.05	154	806325	48.285	nq	97
53) 3-Nitroaniline	9.97	138	222521	49.439	nq	90
54) 2,4-Dinitrophenol	10.07	184	31950	32.996	nq	87
55) Dibenzofuran	10.22	168	1112986	46.734	nq	97
56) 4-Nitrophenol	10.12	139	430575	125.374	nq	96
57) 2,4-Dinitrotoluene	10.20	165	255820	54.090	nq	90
58) Fluorene	10.56	166	838609	48.372	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	209638	48.100	nq	94
60) Diethylphthalate	10.43	149	950849	49.418	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	413928	45.836	nq	97
62) 4-Nitroaniline	10.58	138	207705	48.750	nq	94
63) Azobenzene	10.72	77	873209	43.442	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	34621	27.055	nq	87
66) n-Nitrosodiphenylamine	10.67	169	750771	54.076	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	238103	52.706	nq	96
68) Hexachlorobenzene	11.11	284	235775	48.942	nq	# 91
69) Atrazine	11.19	200	223616	51.562	nq	98
70) Pentachlorophenol	11.30	266	216943	79.129	nq	97
71) Phenanthrene	11.53	178	1118533	51.830	nq	99
72) Anthracene	11.58	178	1138335	52.466	nq	99
73) Carbazole	11.73	167	994796	46.653	nq	99
74) Di-n-butylphthalate	12.06	149	1267008	53.242	nq	99
75) Fluoranthene	12.72	202	1092209	50.662	nq	99
77) Benzidine	12.84	184	918310	76.824	nq	97
78) Pyrene	12.95	202	1091714	47.677	nq	98
80) Butylbenzylphthalate	13.56	149	500702	54.086	nq	99
81) Benzo(a)anthracene	14.14	228	938787	51.122	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	340133	52.833	nq	98
83) Chrysene	14.18	228	871232	49.843	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	688468	56.519	nq	95
85) Di-n-octyl phthalate	14.73	149	1116209	64.995	nq	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	677411	48.133	nq	95
88) Benzo(b)fluoranthene	15.22	252	753414	54.873	nq	99
89) Benzo(k)fluoranthene	15.25	252	698797m	51.636	nq	
90) Benzo(a)pyrene	15.61	252	664676	52.636	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	576613	51.524	nq	97
92) Benzo(g,h,i)perylene	17.71	276	550795	48.712	nq	96

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

