

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111585.D
 Acq On : 18 Dec 2018 19:45
 Operator : JU/SJ
 Sample : PB115777BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 01:12:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114630	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	504357	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	419150	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	766556	20.00	ng	-0.02
76) Chrysene-d12	13.94	240	517558	20.00	ng	-0.01
87) Perylene-d12	15.37	264	403663	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	505557	73.39	ng	-0.01
7) Phenol-d6	6.42	99	694535	75.80	ng	-0.02
23) Nitrobenzene-d5	7.34	82	653334	77.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	296750	79.03	ng	-0.02
45) 2-Fluorobiphenyl	9.14	172	2036703	75.06	ng	-0.02
79) Terphenyl-d14	12.89	244	1850669	83.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	99724	29.974	ng	# 94
3) Pyridine	3.26	79	241612	28.915	ng	86
4) n-Nitrosodimethylamine	3.19	42	143115	37.707	ng	83
6) Aniline	6.44	93	134375	11.822	ng	# 1
8) 2-Chlorophenol	6.56	128	302897	36.801	ng	100
9) Benzaldehyde	6.32	77	76127	13.697	ng	98
10) Phenol	6.43	94	341114	33.418	ng	89
11) bis(2-Chloroethyl)ether	6.51	93	263017	32.870	ng	98
12) 1,3-Dichlorobenzene	6.72	146	296956	32.775	ng	98
13) 1,4-Dichlorobenzene	6.79	146	306229	33.299	ng	97
14) 1,2-Dichlorobenzene	6.95	146	290946	33.629	ng	99
15) Benzyl Alcohol	6.92	79	245151	35.162	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	539652	34.541	ng	84
17) 2-Methylphenol	7.04	107	238648	36.027	ng	# 92
18) Hexachloroethane	7.29	117	116950	34.171	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	214383	35.463	ng	92
20) 3+4-Methylphenols	7.19	107	303215	36.492	ng	# 81
22) Acetophenone	7.19	105	432138	38.382	ng	# 89
24) Nitrobenzene	7.36	77	300681	34.801	ng	99
25) Isophorone	7.60	82	597364	41.684	ng	99
26) 2-Nitrophenol	7.67	139	156689	34.970	ng	96
27) 2,4-Dimethylphenol	7.72	122	268427	41.323	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	365687	36.963	ng	100
29) 2,4-Dichlorophenol	7.92	162	268382	38.704	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	261754	36.059	ng	99
31) Naphthalene	8.08	128	950765	40.304	ng	96
32) Benzoic acid	7.86	122	180359m	32.131	ng	
33) 4-Chloroaniline	8.13	127	59736	5.695	ng	99
34) Hexachlorobutadiene	8.20	225	166865	41.724	ng	99
35) Caprolactam	8.50	113	150822m	58.582	ng	
36) 4-Chloro-3-methylphenol	8.63	107	464244	60.823	ng	99
37) 2-Methylnaphthalene	8.77	142	1017150	63.720	ng	98
38) 1-Methylnaphthalene	8.87	142	986931	63.998	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	388509	33.799	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	253952	43.031	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	274083	33.690	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	301850	34.867	nq	96
46) 1,1'-Biphenyl	9.24	154	1214077	34.185	nq	94
47) 2-Chloronaphthalene	9.26	162	963912	35.706	nq	96
48) 2-Nitroaniline	9.36	65	296612	33.839	nq	98
49) Acenaphthylene	9.68	152	1563901	39.028	nq	95
50) Dimethylphthalate	9.54	163	1168690	38.716	nq	99
51) 2,6-Dinitrotoluene	9.60	165	255936	37.667	nq	92
52) Acenaphthene	9.85	154	867234	34.242	nq	98
53) 3-Nitroaniline	9.77	138	93238	11.297	nq	100
54) 2,4-Dinitrophenol	9.88	184	142600	55.164	nq	90
55) Dibenzofuran	10.02	168	1366068	37.159	nq	97
56) 4-Nitrophenol	9.95	139	299754	52.483	nq	97
57) 2,4-Dinitrotoluene	10.00	165	326198	36.577	nq	95
58) Fluorene	10.36	166	1067422	40.031	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	259463	38.359	nq	96
60) Diethylphthalate	10.24	149	1141481	37.331	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	476276	36.507	nq	98
62) 4-Nitroaniline	10.39	138	266668	32.640	nq	97
63) Azobenzene	10.52	77	1113084	36.925	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	125905	29.094	nq	95
66) n-Nitrosodiphenylamine	10.47	169	965130	36.510	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	297149	35.966	nq	97
68) Hexachlorobenzene	10.92	284	306787	36.098	nq	97
69) Atrazine	11.00	200	300977	39.397	nq	99
70) Pentachlorophenol	11.11	266	300508	57.650	nq	96
71) Phenanthrene	11.33	178	1481389	37.504	nq	94
72) Anthracene	11.37	178	1652993	40.921	nq	95
73) Carbazole	11.53	167	1510566	36.162	nq	95
74) Di-n-butylphthalate	11.86	149	1858539	39.950	nq	97
75) Fluoranthene	12.51	202	1565677	40.518	nq	98
77) Benzidine	12.63	184	364504	19.159	nq	96
78) Pyrene	12.74	202	1555794	42.637	nq	95
80) Butylbenzylphthalate	13.36	149	763896	42.949	nq	94
81) Benzo(a)anthracene	13.93	228	1042985	37.062	nq	98
82) 3,3'-Dichlorobenzidine	13.89	252	199837	17.468	nq	99
83) Chrysene	13.96	228	1201745	40.537	nq	97
84) Bis(2-ethylhexyl)phthalate	13.92	149	1006900	44.323	nq	99
85) Di-n-octyl phthalate	14.53	149	1656140	43.220	nq	96
86) Indeno(1,2,3-cd)pyrene	16.79	276	912549	42.650	nq	96
88) Benzo(b)fluoranthene	14.96	252	849767	36.108	nq	98
89) Benzo(k)fluoranthene	14.99	252	986102	43.852	nq	98
90) Benzo(a)pyrene	15.32	252	879428	41.439	nq	97
91) Dibenzo(a,h)anthracene	16.80	278	763828	45.627	nq	95
92) Benzo(g,h,i)perylene	17.22	276	761604	46.348	nq	93

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

