

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127521.D
 Acq On : 25 Mar 2022 11:20
 Operator : CG\JU
 Sample : PB143592BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143592BSD

Quant Time: Mar 25 17:24:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

03/28/2022

Supervised By :Jagrut
 Upadhyay

03/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	109928	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	412335	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	235065	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	404151	20.000	ng	0.00
76) Chrysene-d12	14.033	240	244688	20.000	ng	0.00
86) Perylene-d12	15.510	264	200414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	794673	115.391	ng	0.02
7) Phenol-d6	6.499	99	1069190	113.578	ng	0.01
23) Nitrobenzene-d5	7.422	82	745642	77.299	ng	0.00
42) 2,4,6-Tribromophenol	10.687	330	267037	106.642	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1182450	73.454	ng	0.00
79) Terphenyl-d14	12.963	244	1241283	83.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	103028	34.062	ng	96
3) Pyridine	3.475	79	216571	25.368	ng	97
4) n-Nitrosodimethylamine	3.434	42	202197	43.137	ng	96
6) Aniline	6.516	93	436430	38.850	ng	# 83
8) 2-Chlorophenol	6.640	128	317962	45.180	ng	97
9) Benzaldehyde	6.404	77	192641	39.935	ng	99
10) Phenol	6.510	94	435367	42.467	ng	82
11) bis(2-Chloroethyl)ether	6.587	93	344883	45.975	ng	98
12) 1,3-Dichlorobenzene	6.787	146	328721	41.529	ng	97
13) 1,4-Dichlorobenzene	6.863	146	331419	41.624	ng	97
14) 1,2-Dichlorobenzene	7.016	146	315510	40.686	ng	98
15) Benzyl Alcohol	7.004	79	315638	46.137	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	598894	44.367	ng	84
17) 2-Methylphenol	7.110	107	262128	44.134	ng	95
18) Hexachloroethane	7.351	117	126302	43.330	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	247042	43.781	ng	100
20) 3+4-Methylphenols	7.269	107	310714	42.415	ng	93
22) Acetophenone	7.263	105	438276	41.581	ng	97
24) Nitrobenzene	7.440	77	394458	42.879	ng	98
25) Isophorone	7.675	82	680942	44.322	ng	100
26) 2-Nitrophenol	7.751	139	162494	42.116	ng	96
27) 2,4-Dimethylphenol	7.793	122	271858	46.842	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	414378	41.520	ng	99
29) 2,4-Dichlorophenol	7.998	162	275776	41.857	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	304855	39.708	ng	96
31) Naphthalene	8.157	128	900804	41.149	ng	99
32) Benzoic acid	7.957	122	143692	43.699	ng	90
33) 4-Chloroaniline	8.210	127	217020	25.583	ng	98
34) Hexachlorobutadiene	8.263	225	193177	39.624	ng	98
35) Caprolactam	8.604	113	83972m	41.342	ng	
36) 4-Chloro-3-methylphenol	8.698	107	299043	41.834	ng	98
37) 2-Methylnaphthalene	8.845	142	603942	42.905	ng	99
38) 1-Methylnaphthalene	8.945	142	555580	39.915	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	309787	41.448	ng	99
41) Hexachlorocyclopentadiene	8.992	237	215123	82.194	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	182769	40.455	ng	96

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44) 2,4,5-Trichlorophenol	9.181	196	191555	41.189	ng	94
46) 1,1'-Biphenyl	9.310	154	729294	41.079	ng	100
47) 2-Chloronaphthalene	9.340	162	560637	40.101	ng	98
48) 2-Nitroaniline	9.445	65	222972	41.614	ng	99
49) Acenaphthylene	9.757	152	838872	39.690	ng	99
50) Dimethylphthalate	9.616	163	677877	41.453	ng	100
51) 2,6-Dinitrotoluene	9.687	165	144292	42.034	ng	97
52) Acenaphthene	9.928	154	506396	41.065	ng	99
53) 3-Nitroaniline	9.863	138	115873	30.772	ng	96
54) 2,4-Dinitrophenol	9.975	184	121205	71.052	ng	95
55) Dibenzofuran	10.098	168	725827	40.458	ng	99
56) 4-Nitrophenol	10.039	139	138041	72.027	ng	100
57) 2,4-Dinitrotoluene	10.092	165	177658	40.208	ng	# 87
58) Fluorene	10.439	166	596197	41.548	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	159728	38.847	ng	99
60) Diethylphthalate	10.316	149	594490	39.802	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	315671	37.349	ng	99
62) 4-Nitroaniline	10.487	138	135699	38.474	ng	96
63) Azobenzene	10.592	77	696933	39.544	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	94530	38.012	ng	88
66) n-Nitrosodiphenylamine	10.557	169	521350	42.377	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	195533	41.439	ng	100
68) Hexachlorobenzene	10.986	284	221700	43.044	ng	98
69) Atrazine	11.081	200	199711	48.762	ng	95
70) Pentachlorophenol	11.192	266	147678	74.745	ng	98
71) Phenanthrene	11.410	178	856849	40.667	ng	99
72) Anthracene	11.463	178	884114	42.284	ng	99
73) Carbazole	11.622	167	780627	39.039	ng	99
74) Di-n-butylphthalate	11.933	149	927500	44.811	ng	99
75) Fluoranthene	12.598	202	930897	40.168	ng	98
77) Benzidine	12.722	184	316182	54.193	ng	97
78) Pyrene	12.828	202	931589	44.362	ng	99
80) Butylbenzylphthalate	13.433	149	327214	47.344	ng	99
81) Benzo(a)anthracene	14.022	228	674000	41.189	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	157648	32.780	ng	# 96
83) Chrysene	14.057	228	657645	42.442	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	405756	50.787	ng	99
85) Di-n-octyl phthalate	14.598	149	608784	57.262	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	576782	42.532	ng	99
88) Benzo(b)fluoranthene	15.074	252	570511	45.148	ng	99
89) Benzo(k)fluoranthene	15.110	252	545101	41.611	ng	99
90) Benzo(a)pyrene	15.451	252	535963	51.681	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	496575	44.352	ng	97
92) Benzo(g,h,i)perylene	17.474	276	500273	43.229	ng	98

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

