

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127569.D
 Acq On : 29 Mar 2022 17:00
 Operator : CG\JU
 Sample : N2134-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-11-STOCKPILEMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2022
 Supervised By : Jagrut Upadhyay 03/30/2022

Quant Time: Mar 30 08:31:51 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 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	81872	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	293098	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	170110	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	287693	20.000	ng	0.00
76) Chrysene-d12	14.016	240	177807	20.000	ng	0.00
86) Perylene-d12	15.498	264	181131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	612493	119.415	ng	0.02
7) Phenol-d6	6.481	99	749082	106.842	ng	0.00
23) Nitrobenzene-d5	7.404	82	603651	88.037	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	215372	118.852	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1015980	87.212	ng	0.00
79) Terphenyl-d14	12.951	244	995769	91.678	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	109173	48.462	ng	# 79
3) Pyridine	3.499	79	219460	34.516	ng	97
4) n-Nitrosodimethylamine	3.434	42	166945	47.821	ng	99
6) Aniline	6.510	93	83834	10.020	ng	# 58
8) 2-Chlorophenol	6.628	128	257775	49.180	ng	96
9) Benzaldehyde	6.398	77	138044	38.118	ng	94
10) Phenol	6.498	94	304993	39.945	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	284713	50.960	ng	99
12) 1,3-Dichlorobenzene	6.775	146	252062	42.756	ng	96
13) 1,4-Dichlorobenzene	6.851	146	257683	43.454	ng	99
14) 1,2-Dichlorobenzene	7.004	146	241344	41.787	ng	99
15) Benzyl Alcohol	6.987	79	259193	50.869	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	473031	47.051	ng	74
17) 2-Methylphenol	7.098	107	203522	46.010	ng	# 92
18) Hexachloroethane	7.340	117	93711	43.166	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	205562	48.913	ng	97
20) 3+4-Methylphenols	7.257	107	262514	48.115	ng	# 88
22) Acetophenone	7.251	105	358013	47.784	ng	94
24) Nitrobenzene	7.422	77	325053	49.709	ng	98
25) Isophorone	7.663	82	586199	53.677	ng	99
26) 2-Nitrophenol	7.740	139	133688	48.746	ng	97
27) 2,4-Dimethylphenol	7.775	122	230275	55.819	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	354230	49.932	ng	99
29) 2,4-Dichlorophenol	7.987	162	228274	48.742	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	242543	44.443	ng	97
31) Naphthalene	8.140	128	729666	46.891	ng	99
32) Benzoic acid	7.928	122	80590	35.754	ng	93
33) 4-Chloroaniline	8.204	127	31648	5.248	ng	97
34) Hexachlorobutadiene	8.245	225	149782	43.221	ng	100
35) Caprolactam	8.581	113	54983m	38.082	ng	
36) 4-Chloro-3-methylphenol	8.692	107	241793	47.585	ng	99
37) 2-Methylnaphthalene	8.828	142	489378	48.909	ng	99
38) 1-Methylnaphthalene	8.928	142	465040	47.002	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	254476	47.049	ng	99
41) Hexachlorocyclopentadiene	8.975	237	116758	67.947	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	157156	48.068	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	162656	48.330	ng	99
46) 1,1'-Biphenyl	9.292	154	610756	47.538	ng	100
47) 2-Chloronaphthalene	9.322	162	473772	46.828	ng	98
48) 2-Nitroaniline	9.434	65	181367	46.774	ng	93
49) Acenaphthylene	9.739	152	750815	49.089	ng	100
50) Dimethylphthalate	9.598	163	577357	48.787	ng	99
51) 2,6-Dinitrotoluene	9.669	165	121882	49.064	ng	99
52) Acenaphthene	9.910	154	430075	48.193	ng	98
53) 3-Nitroaniline	9.845	138	37520	13.769	ng	100
54) 2,4-Dinitrophenol	9.963	184	54083	47.146	ng	95
55) Dibenzofuran	10.081	168	622229	48.587	ng	99
56) 4-Nitrophenol	10.028	139	79923	57.626	ng	91
57) 2,4-Dinitrotoluene	10.081	165	148126	46.326	ng	95
58) Fluorene	10.428	166	513974	49.986	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	134203	45.102	ng	100
60) Diethylphthalate	10.298	149	522314	48.322	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	272265	44.514	ng	96
62) 4-Nitroaniline	10.463	138	94480	37.016	ng	99
63) Azobenzene	10.575	77	595537	46.694	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	59224	33.455	ng	96
66) n-Nitrosodiphenylamine	10.539	169	432342	49.368	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	166790	49.657	ng	96
68) Hexachlorobenzene	10.969	284	185139	50.496	ng	95
69) Atrazine	11.063	200	158268	54.286	ng	97
70) Pentachlorophenol	11.175	266	112016	79.204	ng	95
71) Phenanthrene	11.392	178	724375	48.296	ng	99
72) Anthracene	11.445	178	739453	49.681	ng	99
73) Carbazole	11.604	167	601234	42.239	ng	100
74) Di-n-butylphthalate	11.916	149	789174	53.562	ng	99
75) Fluoranthene	12.580	202	729620	44.228	ng	98
77) Benzidine	12.716	184	43392	10.235	ng	97
78) Pyrene	12.816	202	714180	46.801	ng	99
80) Butylbenzylphthalate	13.416	149	256680	51.108	ng	95
81) Benzo(a)anthracene	14.004	228	579923	48.771	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	58880	16.848	ng	93
83) Chrysene	14.045	228	548296	48.695	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	352605	60.735	ng	99
85) Di-n-octyl phthalate	14.580	149	561085	72.626	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	448284	36.575	ng	98
88) Benzo(b)fluoranthene	15.063	252	557009	48.772	ng	100
89) Benzo(k)fluoranthene	15.092	252	584093	49.334	ng	100
90) Benzo(a)pyrene	15.433	252	559084	59.650	ng	# 98
91) Dibenzo(a,h)anthracene	16.998	278	401162	39.644	ng	97
92) Benzo(g,h,i)perylene	17.457	276	369936	35.369	ng	98

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

