

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131454.D
 Acq On : 29 Nov 2022 11:47
 Operator : CG\JU
 Sample : PB149316BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149316BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/30/2022
 Supervised By : mohammad ahmed 12/01/2022

Quant Time: Nov 30 01:04:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	143435	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	532856	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	288748	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	531311	20.000	ng	# 0.00
76) Chrysene-d12	14.157	240	355449	20.000	ng	#-0.01
86) Perylene-d12	15.686	264	276891	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1060694	140.742	ng	0.02
7) Phenol-d6	6.575	99	1351857	140.589	ng	0.00
23) Nitrobenzene-d5	7.516	82	847504	80.175	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	379900	156.385	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1503065	75.730	ng	0.00
79) Terphenyl-d14	13.092	244	1757261	80.844	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.851	88	149451	41.596	ng	90
3) Pyridine	3.604	79	406871	40.782	ng	86
4) n-Nitrosodimethylamine	3.575	42	226948	38.574	ng	# 75
6) Aniline	6.610	93	414685m	32.907	ng	
8) 2-Chlorophenol	6.734	128	426136	49.909	ng	93
9) Benzaldehyde	6.498	77	235833	39.879	ng	95
10) Phenol	6.586	94	507764m	47.627	ng	
11) bis(2-Chloroethyl)ether	6.681	93	407530	45.624	ng	98
12) 1,3-Dichlorobenzene	6.886	146	441856	43.422	ng	99
13) 1,4-Dichlorobenzene	6.963	146	446543	43.186	ng	98
14) 1,2-Dichlorobenzene	7.116	146	429389	45.101	ng	96
15) Benzyl Alcohol	7.092	79	351624	44.598	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.222	45	670932	39.276	ng	95
17) 2-Methylphenol	7.198	107	338421	46.504	ng	95
18) Hexachloroethane	7.463	117	164199	44.392	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	287868	40.895	ng	91
20) 3+4-Methylphenols	7.351	107	409836	44.108	ng	# 86
22) Acetophenone	7.363	105	558349	41.166	ng	# 92
24) Nitrobenzene	7.533	77	453832	41.207	ng	96
25) Isophorone	7.775	82	823359	43.658	ng	97
26) 2-Nitrophenol	7.851	139	223144	60.313	ng	# 84
27) 2,4-Dimethylphenol	7.886	122	388704	53.166	ng	93
28) bis(2-Chloroethoxy)met...	7.981	93	488878	45.640	ng	99
29) 2,4-Dichlorophenol	8.092	162	354509	44.702	ng	98
30) 1,2,4-Trichlorobenzene	8.175	180	395903	40.299	ng	99
31) Naphthalene	8.263	128	1171064	41.241	ng	99
32) Benzoic acid	8.010	122	258236	54.000	ng	100
33) 4-Chloroaniline	8.304	127	124431	11.108	ng	95
34) Hexachlorobutadiene	8.369	225	233203	36.659	ng	99
35) Caprolactam	8.686	113	121984m	58.535	ng	
36) 4-Chloro-3-methylphenol	8.792	107	376291	45.671	ng	98
37) 2-Methylnaphthalene	8.957	142	771998	40.125	ng	100
38) 1-Methylnaphthalene	9.057	142	728831	39.065	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	381111	40.673	ng	99
41) Hexachlorocyclopentadiene	9.104	237	455379	108.106	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	263190	49.513	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	284324	47.567	ng	95
46) 1,1'-Biphenyl	9.422	154	933587	42.369	ng	98
47) 2-Chloronaphthalene	9.451	162	748626	42.352	ng	99
48) 2-Nitroaniline	9.545	65	256952	47.876	ng	93
49) Acenaphthylene	9.869	152	1149043	42.643	ng	100
50) Dimethylphthalate	9.727	163	854364	42.467	ng	98
51) 2,6-Dinitrotoluene	9.786	165	201243	50.019	ng	# 83
52) Acenaphthene	10.039	154	813353m	48.205	ng	
53) 3-Nitroaniline	9.957	138	110849	26.813	ng	96
54) 2,4-Dinitrophenol	10.063	184	240005	111.258	ng	85
55) Dibenzofuran	10.216	168	1008768	41.556	ng	95
56) 4-Nitrophenol	10.122	139	337687	117.693	ng	85
57) 2,4-Dinitrotoluene	10.192	165	274315	54.189	ng	93
58) Fluorene	10.557	166	785068	41.439	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.327	232	246824	49.584	ng	94
60) Diethylphthalate	10.427	149	787743	41.468	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	395591	40.733	ng	98
62) 4-Nitroaniline	10.580	138	204194	49.628	ng	87
63) Azobenzene	10.710	77	812050	39.757	ng	92
65) 4,6-Dinitro-2-methylph...	10.604	198	150046	60.797	ng	# 75
66) n-Nitrosodiphenylamine	10.669	169	704545	41.615	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	261699	40.188	ng	98
68) Hexachlorobenzene	11.104	284	286477	41.450	ng	92
69) Atrazine	11.198	200	252207	48.384	ng	98
70) Pentachlorophenol	11.298	266	330631	82.188	ng	99
71) Phenanthrene	11.527	178	1183325	41.211	ng	99
72) Anthracene	11.580	178	1201586	42.581	ng	99
73) Carbazole	11.733	167	1115162	46.328	ng	99
74) Di-n-butylphthalate	12.057	149	1206329	42.530	ng	99
75) Fluoranthene	12.721	202	1301522	43.016	ng	98
77) Benzidine	12.845	184	449166	68.412	ng	# 95
78) Pyrene	12.957	202	1333019	42.506	ng	100
80) Butylbenzylphthalate	13.568	149	483565	46.019	ng	96
81) Benzo(a)anthracene	14.145	228	1059811	43.499	ng	98
82) 3,3'-Dichlorobenzidine	14.110	252	188399	29.140	ng	100
83) Chrysene	14.186	228	1002161	41.925	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	571373	41.369	ng	99
85) Di-n-octyl phthalate	14.751	149	787527	41.367	ng	95
87) Indeno(1,2,3-cd)pyrene	17.262	276	860618	46.277	ng	98
88) Benzo(b)fluoranthene	15.233	252	858387	46.665	ng	# 98
89) Benzo(k)fluoranthene	15.268	252	809013	42.798	ng	99
90) Benzo(a)pyrene	15.627	252	730042	48.369	ng	# 98
91) Dibenzo(a,h)anthracene	17.286	278	720271	46.911	ng	97
92) Benzo(g,h,i)perylene	17.745	276	740374	48.314	ng	96

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

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