

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139459.D
 Acq On : 19 Sep 2024 12:29
 Operator : RC/JU
 Sample : PB163495BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163495BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 13:07:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	80251	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	296621	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	163149	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	293302	20.000	ng	0.00
76) Chrysene-d12	14.033	240	152717	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	151644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	577104	117.314	ng	0.02
7) Phenol-d6	6.510	99	757587	117.329	ng	0.00
23) Nitrobenzene-d5	7.445	82	510924	80.976	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	203776	117.320	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	939769	80.788	ng	0.00
79) Terphenyl-d14	12.980	244	872565	93.783	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	71417	36.185	ng	98
3) Pyridine	3.516	79	187309	43.045	ng	97
4) n-Nitrosodimethylamine	3.481	42	148252	39.307	ng	88
6) Aniline	6.540	93	216303	44.390	ng	# 77
8) 2-Chlorophenol	6.663	128	219412	43.329	ng	98
9) Benzaldehyde	6.428	77	45642	12.235	ng	97
10) Phenol	6.528	94	281456	42.799	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	210788	42.172	ng	100
12) 1,3-Dichlorobenzene	6.822	146	234136	40.656	ng	98
13) 1,4-Dichlorobenzene	6.898	146	241007	41.413	ng	98
14) 1,2-Dichlorobenzene	7.045	146	227457	41.363	ng	99
15) Benzyl Alcohol	7.022	79	217502	42.221	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	387616	50.320	ng	99
17) 2-Methylphenol	7.134	107	177854	44.207	ng	98
18) Hexachloroethane	7.392	117	90144	40.667	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	170692	44.610	ng	99
20) 3+4-Methylphenols	7.287	107	229551	41.820	ng	# 90
22) Acetophenone	7.287	105	314311	40.532	ng	98
24) Nitrobenzene	7.463	77	258555	39.815	ng	98
25) Isophorone	7.698	82	447480	44.844	ng	99
26) 2-Nitrophenol	7.775	139	115001	45.455	ng	96
27) 2,4-Dimethylphenol	7.810	122	179369	53.747	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	256666	45.132	ng	98
29) 2,4-Dichlorophenol	8.016	162	182267	42.992	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	198597	40.203	ng	98
31) Naphthalene	8.181	128	650602	42.014	ng	99
32) Benzoic acid	7.934	122	118902	38.072	ng	95
33) 4-Chloroaniline	8.228	127	112904	23.833	ng	99
34) Hexachlorobutadiene	8.298	225	134661	40.124	ng	99
35) Caprolactam	8.604	113	57013m	43.716	ng	
36) 4-Chloro-3-methylphenol	8.716	107	209186	43.173	ng	96
37) 2-Methylnaphthalene	8.875	142	419315	42.661	ng	99
38) 1-Methylnaphthalene	8.975	142	396071	41.044	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	205528	42.506	ng	98
41) Hexachlorocyclopentadiene	9.028	237	251010	148.680	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	139389	44.310	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	140611	42.375	ng	99
46) 1,1'-Biphenyl	9.339	154	530743	42.285	ng	100
47) 2-Chloronaphthalene	9.363	162	392175	41.789	ng	99
48) 2-Nitroaniline	9.457	65	150390	43.084	ng	98
49) Acenaphthylene	9.780	152	651561	46.122	ng	100
50) Dimethylphthalate	9.639	163	472461	44.121	ng	99
51) 2,6-Dinitrotoluene	9.698	165	99908	42.116	ng	99
52) Acenaphthene	9.951	154	467378	47.404	ng	99
53) 3-Nitroaniline	9.869	138	67133	28.317	ng	90
54) 2,4-Dinitrophenol	9.975	184	118126	89.365	ng	90
55) Dibenzofuran	10.122	168	589854	42.923	ng	97
56) 4-Nitrophenol	10.033	139	154867	78.947	ng	85
57) 2,4-Dinitrotoluene	10.104	165	139976	43.706	ng	97
58) Fluorene	10.463	166	470217	41.937	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	120736	43.985	ng	98
60) Diethylphthalate	10.333	149	477448	43.206	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	228294	41.895	ng	95
62) 4-Nitroaniline	10.480	138	99080	38.293	ng	93
63) Azobenzene	10.616	77	472342	43.459	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74257	47.969	ng	97
66) n-Nitrosodiphenylamine	10.575	169	393779	45.921	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	132236	45.496	ng	98
68) Hexachlorobenzene	11.010	284	150238	44.043	ng	99
69) Atrazine	11.098	200	127998	62.699	ng	99
70) Pentachlorophenol	11.204	266	166873	81.526	ng	99
71) Phenanthrene	11.427	178	631453	44.624	ng	99
72) Anthracene	11.474	178	645281	46.640	ng	99
73) Carbazole	11.633	167	566920	42.813	ng	98
74) Di-n-butylphthalate	11.957	149	665512	45.117	ng	100
75) Fluoranthene	12.610	202	617874	40.887	ng	98
77) Benzidine	12.733	184	145346	66.429	ng	99
78) Pyrene	12.839	202	633282	48.295	ng	100
80) Butylbenzylphthalate	13.457	149	220070	49.306	ng	97
81) Benzo(a)anthracene	14.027	228	473435	46.801	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	101358	34.214	ng	98
83) Chrysene	14.063	228	424493	45.611	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	279300	49.190	ng	100
85) Di-n-octyl phthalate	14.621	149	426579	51.014	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	423483	46.964	ng	98
88) Benzo(b)fluoranthene	15.074	252	444513	47.529	ng	99
89) Benzo(k)fluoranthene	15.104	252	357014	41.402	ng	98
90) Benzo(a)pyrene	15.445	252	378795	48.836	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	344526	46.238	ng	99
92) Benzo(g,h,i)perylene	17.427	276	317741	43.068	ng	98

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

