

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140393.D
 Acq On : 15 Nov 2024 10:34
 Operator : RC/JU
 Sample : PB164789BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164789BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 10:59:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	137404	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	514072	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	287836	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	536724	20.000	ng	0.00
76) Chrysene-d12	14.074	240	317210	20.000	ng	0.02
86) Perylene-d12	15.598	264	291377	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	990091	123.029	ng	0.03
7) Phenol-d6	6.528	99	1280343	117.428	ng	0.02
23) Nitrobenzene-d5	7.440	82	836591	84.791	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	373256	130.404	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1498050	83.665	ng	0.00
79) Terphenyl-d14	12.992	244	1685980	92.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	123586	34.456	ng	100
3) Pyridine	3.475	79	331501	37.594	ng	100
4) n-Nitrosodimethylamine	3.428	42	188597	42.318	ng	100
6) Aniline	6.540	93	414064	43.655	ng	# 24
8) 2-Chlorophenol	6.669	128	381885	44.176	ng	98
9) Benzaldehyde	6.428	77	36794	5.631	ng	98
10) Phenol	6.540	94	474305	41.250	ng	# 65
11) bis(2-Chloroethyl)ether	6.610	93	371031	42.587	ng	100
12) 1,3-Dichlorobenzene	6.816	146	393660	41.272	ng	99
13) 1,4-Dichlorobenzene	6.893	146	392709	40.605	ng	99
14) 1,2-Dichlorobenzene	7.045	146	382193	42.568	ng	99
15) Benzyl Alcohol	7.022	79	339155	43.174	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	490201	40.734	ng	# 40
17) 2-Methylphenol	7.140	107	300730	42.288	ng	# 90
18) Hexachloroethane	7.387	117	146897	41.086	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	269948	40.994	ng	99
20) 3+4-Methylphenols	7.293	107	378063	42.510	ng	94
22) Acetophenone	7.287	105	507637	42.458	ng	99
24) Nitrobenzene	7.457	77	419739	40.860	ng	99
25) Isophorone	7.698	82	738403	42.227	ng	99
26) 2-Nitrophenol	7.775	139	200521	43.987	ng	99
27) 2,4-Dimethylphenol	7.816	122	309252m	52.989	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	440947	41.125	ng	99
29) 2,4-Dichlorophenol	8.022	162	316416	43.869	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	323921	40.338	ng	99
31) Naphthalene	8.181	128	1093375	41.927	ng	100
32) Benzoic acid	7.940	122	215893	42.040	ng	97
33) 4-Chloroaniline	8.234	127	365292	40.278	ng	99
34) Hexachlorobutadiene	8.292	225	207460	40.548	ng	99
35) Caprolactam	8.592	113	107030m	44.646	ng	
36) 4-Chloro-3-methylphenol	8.722	107	347888	43.523	ng	99
37) 2-Methylnaphthalene	8.869	142	710588	42.495	ng	100
38) 1-Methylnaphthalene	8.969	142	661889	40.422	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	335342	42.130	ng	99
41) Hexachlorocyclopentadiene	9.022	237	332637	162.766	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	230246	44.078	ng	98

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44) 2,4,5-Trichlorophenol	9.204	196	241036	42.205	ng	97
46) 1,1'-Biphenyl	9.334	154	880236	42.036	ng	99
47) 2-Chloronaphthalene	9.363	162	660643	41.416	ng	99
48) 2-Nitroaniline	9.457	65	235801	44.574	ng	97
49) Acenaphthylene	9.775	152	1101638	45.646	ng	100
50) Dimethylphthalate	9.634	163	798078	42.538	ng	100
51) 2,6-Dinitrotoluene	9.698	165	177675	41.541	ng	99
52) Acenaphthene	9.951	154	779513m	47.821	ng	
53) 3-Nitroaniline	9.875	138	165184	36.774	ng	99
54) 2,4-Dinitrophenol	9.981	184	208629	94.589	ng	99
55) Dibenzofuran	10.122	168	999863	43.330	ng	100
56) 4-Nitrophenol	10.051	139	291245	88.892	ng	99
57) 2,4-Dinitrotoluene	10.104	165	246023	43.705	ng	99
58) Fluorene	10.469	166	772092	42.354	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	211528	46.908	ng	98
60) Diethylphthalate	10.334	149	806565	42.043	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	371728	41.304	ng	98
62) 4-Nitroaniline	10.492	138	200492	43.654	ng	100
63) Azobenzene	10.616	77	803243	42.375	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	140240	48.565	ng	100
66) n-Nitrosodiphenylamine	10.575	169	686072	44.240	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	229260	42.731	ng	99
68) Hexachlorobenzene	11.016	284	259344	42.962	ng	97
69) Atrazine	11.104	200	160807	34.274	ng	100
70) Pentachlorophenol	11.216	266	268128	82.458	ng	97
71) Phenanthrene	11.433	178	1118916	44.379	ng	100
72) Anthracene	11.480	178	1141349	46.189	ng	99
73) Carbazole	11.639	167	1070940	43.893	ng	100
74) Di-n-butylphthalate	11.963	149	1239558	42.329	ng	100
75) Fluoranthene	12.622	202	1226619	43.364	ng	100
77) Benzidine	12.739	184	211770	17.394	ng	99
78) Pyrene	12.851	202	1233627	45.466	ng	100
80) Butylbenzylphthalate	13.469	149	470859	45.174	ng	96
81) Benzo(a)anthracene	14.063	228	939325	45.056	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	268070	40.455	ng	99
83) Chrysene	14.098	228	854525	44.923	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	594170	42.707	ng	99
85) Di-n-octyl phthalate	14.698	149	828270	42.271	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	838769	46.601	ng	100
88) Benzo(b)fluoranthene	15.157	252	778217	40.829	ng	100
89) Benzo(k)fluoranthene	15.192	252	690747	44.361	ng	100
90) Benzo(a)pyrene	15.539	252	691951	46.748	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	685624	46.083	ng	100
92) Benzo(g,h,i)perylene	17.574	276	647910	42.597	ng	99

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

