

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138967.D
 Acq On : 13 Aug 2024 11:08
 Operator : RC/JU
 Sample : PB162520BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162520BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 11:47:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	49442	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	209908	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	120228	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	210367	20.000	ng	0.00
76) Chrysene-d12	14.004	240	104150	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	91923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425411	132.820	ng	0.02
7) Phenol-d6	6.493	99	559506	130.110	ng	0.00
23) Nitrobenzene-d5	7.410	82	374166	87.150	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	133213	135.265	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	695030	86.858	ng	0.00
79) Terphenyl-d14	12.939	244	687944	110.591	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	42728	30.471	ng	# 95
3) Pyridine	3.452	79	107378	31.611	ng	96
4) n-Nitrosodimethylamine	3.410	42	106582	52.682	ng	# 80
6) Aniline	6.510	93	121486	31.678	ng	# 8
8) 2-Chlorophenol	6.634	128	166637	49.450	ng	96
9) Benzaldehyde	6.399	77	82748	32.100	ng	100
10) Phenol	6.504	94	214425	47.359	ng	80
11) bis(2-Chloroethyl)ether	6.581	93	155108	44.518	ng	100
12) 1,3-Dichlorobenzene	6.781	146	167604	44.432	ng	97
13) 1,4-Dichlorobenzene	6.857	146	172544	45.326	ng	100
14) 1,2-Dichlorobenzene	7.010	146	164472	46.230	ng	99
15) Benzyl Alcohol	6.993	79	160349	51.736	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	263808	43.996	ng	# 48
17) 2-Methylphenol	7.110	107	132778	47.717	ng	# 86
18) Hexachloroethane	7.346	117	67525	47.123	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	130290	50.164	ng	97
20) 3+4-Methylphenols	7.263	107	178500	49.997	ng	# 78
22) Acetophenone	7.257	105	228480	44.455	ng	96
24) Nitrobenzene	7.428	77	192222	43.999	ng	99
25) Isophorone	7.669	82	342449	46.712	ng	99
26) 2-Nitrophenol	7.745	139	88518	47.094	ng	95
27) 2,4-Dimethylphenol	7.787	122	112993	50.244	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	196906	44.106	ng	99
29) 2,4-Dichlorophenol	7.993	162	140879	48.751	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	150643	45.172	ng	97
31) Naphthalene	8.145	128	496239	44.913	ng	100
32) Benzoic acid	7.945	122	51007	28.854	ng	92
33) 4-Chloroaniline	8.198	127	77826	20.984	ng	98
34) Hexachlorobutadiene	8.251	225	94019	46.546	ng	96
35) Caprolactam	8.587	113	39426m	45.723	ng	
36) 4-Chloro-3-methylphenol	8.698	107	162332	49.153	ng	98
37) 2-Methylnaphthalene	8.834	142	326927	46.851	ng	100
38) 1-Methylnaphthalene	8.934	142	301477	44.090	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	142180	42.572	ng	98
41) Hexachlorocyclopentadiene	8.981	237	84792	94.533	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	89081	43.746	ng	98

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44) 2,4,5-Trichlorophenol	9.175	196	94690	42.536	ng	98
46) 1,1'-Biphenyl	9.298	154	386938	41.093	ng	99
47) 2-Chloronaphthalene	9.328	162	304651	43.503	ng	99
48) 2-Nitroaniline	9.434	65	114184	48.095	ng	98
49) Acenaphthylene	9.739	152	485556	48.886	ng	99
50) Dimethylphthalate	9.604	163	379639	49.384	ng	100
51) 2,6-Dinitrotoluene	9.675	165	81235	46.823	ng	92
52) Acenaphthene	9.910	154	297840	44.609	ng	99
53) 3-Nitroaniline	9.845	138	55684	31.047	ng	95
54) 2,4-Dinitrophenol	9.963	184	66332	83.055	ng	84
55) Dibenzofuran	10.081	168	447408	47.471	ng	97
56) 4-Nitrophenol	10.028	139	74111	68.714	ng	87
57) 2,4-Dinitrotoluene	10.081	165	112103	50.645	ng	# 79
58) Fluorene	10.428	166	362427	48.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	80910	47.541	ng	94
60) Diethylphthalate	10.298	149	378567	51.936	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	179675	48.675	ng	99
62) 4-Nitroaniline	10.463	138	76015m	44.599	ng	
63) Azobenzene	10.575	77	395731	48.950	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	59127	46.070	ng	92
66) n-Nitrosodiphenylamine	10.539	169	302467	45.998	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	102734	45.106	ng	97
68) Hexachlorobenzene	10.975	284	106177	45.150	ng	98
69) Atrazine	11.063	200	94396	55.641	ng	98
70) Pentachlorophenol	11.175	266	70243	66.267	ng	99
71) Phenanthrene	11.386	178	518125	47.832	ng	99
72) Anthracene	11.439	178	529525	49.622	ng	100
73) Carbazole	11.598	167	436135	47.372	ng	99
74) Di-n-butylphthalate	11.916	149	576456	55.698	ng	99
75) Fluoranthene	12.575	202	481987	47.662	ng	99
77) Benzidine	12.698	184	32006	12.848	ng	100
78) Pyrene	12.804	202	467899	47.715	ng	100
80) Butylbenzylphthalate	13.410	149	179755	57.244	ng	99
81) Benzo(a)anthracene	13.992	228	341379	47.599	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	64843	35.330	ng	99
83) Chrysene	14.027	228	311614	48.159	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	233278	50.732	ng	97
85) Di-n-octyl phthalate	14.574	149	350779	41.232	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	296334	44.984	ng	97
88) Benzo(b)fluoranthene	15.039	252	274450	48.163	ng	98
89) Benzo(k)fluoranthene	15.069	252	287861	58.346	ng	98
90) Benzo(a)pyrene	15.404	252	257889	53.804	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	240349	44.447	ng	98
92) Benzo(g,h,i)perylene	17.386	276	218103	38.868	ng	96

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

