

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138976.D
 Acq On : 13 Aug 2024 15:49
 Operator : RC/JU
 Sample : P3519-17MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 16:28:19 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	6.839	152	37456	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	154486	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	82532	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	128981	20.000	ng	0.00
76) Chrysene-d12	13.998	240	66029	20.000	ng	0.00
86) Perylene-d12	15.462	264	66832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	316576	130.469	ng	0.01
7) Phenol-d6	6.492	99	426916	131.046	ng	0.00
23) Nitrobenzene-d5	7.410	82	284169	89.933	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	86896	128.535	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	485407	88.368	ng	-0.01
79) Terphenyl-d14	12.939	244	330256	83.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	46069	43.367	ng	96
3) Pyridine	3.440	79	113288	44.023	ng	95
4) n-Nitrosodimethylamine	3.410	42	98991	64.588	ng	81
6) Aniline	6.504	93	131932	45.410	ng	# 25
8) 2-Chlorophenol	6.633	128	144853	56.741	ng	96
9) Benzaldehyde	6.404	77	5428	2.779	ng	98
10) Phenol	6.504	94	186518	54.378	ng	78
11) bis(2-Chloroethyl)ether	6.575	93	137714	52.174	ng	100
12) 1,3-Dichlorobenzene	6.781	146	151917	53.161	ng	98
13) 1,4-Dichlorobenzene	6.857	146	156143	54.143	ng	99
14) 1,2-Dichlorobenzene	7.010	146	148512	55.102	ng	99
15) Benzyl Alcohol	6.992	79	138254	58.881	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	237127	52.202	ng	51
17) 2-Methylphenol	7.110	107	116406	55.220	ng	# 86
18) Hexachloroethane	7.345	117	58501	53.890	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	114832	58.361	ng	96
20) 3+4-Methylphenols	7.263	107	154229	57.022	ng	# 74
22) Acetophenone	7.251	105	198198	52.398	ng	99
24) Nitrobenzene	7.428	77	168987	52.557	ng	100
25) Isophorone	7.663	82	295166	54.706	ng	97
26) 2-Nitrophenol	7.739	139	77191	55.801	ng	91
27) 2,4-Dimethylphenol	7.780	122	95743	57.847	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	173902	52.927	ng	98
29) 2,4-Dichlorophenol	7.992	162	118227	55.589	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	129166	52.627	ng	98
31) Naphthalene	8.145	128	428639	52.712	ng	99
32) Benzoic acid	7.933	122	37535	28.850	ng	93
33) 4-Chloroaniline	8.198	127	72030	26.388	ng	98
34) Hexachlorobutadiene	8.251	225	80993	54.482	ng	99
35) Caprolactam	8.580	113	33902m	53.422	ng	
36) 4-Chloro-3-methylphenol	8.692	107	135089	55.578	ng	99
37) 2-Methylnaphthalene	8.833	142	279056	54.338	ng	100
38) 1-Methylnaphthalene	8.933	142	258068	51.281	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	121186	52.859	ng	98
41) Hexachlorocyclopentadiene	8.980	237	59244	96.094	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	75476	53.994	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	78782	51.554	ng	98
46) 1,1'-Biphenyl	9.298	154	329487	50.974	ng	99
47) 2-Chloronaphthalene	9.322	162	261026	54.298	ng	99
48) 2-Nitroaniline	9.427	65	93106	57.129	ng	96
49) Acenaphthylene	9.739	152	399915	58.654	ng	99
50) Dimethylphthalate	9.598	163	311108	58.953	ng	99
51) 2,6-Dinitrotoluene	9.669	165	64769	54.384	ng	# 87
52) Acenaphthene	9.910	154	242032	52.807	ng	100
53) 3-Nitroaniline	9.839	138	45738	37.149	ng	95
54) 2,4-Dinitrophenol	9.957	184	45940	83.795	ng	# 80
55) Dibenzofuran	10.080	168	362957	56.100	ng	97
56) 4-Nitrophenol	10.021	139	56016	75.659	ng	81
57) 2,4-Dinitrotoluene	10.080	165	86307	56.800	ng	# 79
58) Fluorene	10.421	166	285103	55.337	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	61555	52.688	ng	97
60) Diethylphthalate	10.298	149	295156	58.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	143000	56.434	ng	94
62) 4-Nitroaniline	10.457	138	58260m	49.794	ng	
63) Azobenzene	10.574	77	308123	55.522	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	40202	51.089	ng	88
66) n-Nitrosodiphenylamine	10.533	169	238407	59.134	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	78737	56.383	ng	96
68) Hexachlorobenzene	10.968	284	80357	55.732	ng	98
69) Atrazine	11.063	200	69221	66.547	ng	96
70) Pentachlorophenol	11.174	266	43065	66.263	ng	99
71) Phenanthrene	11.386	178	365714	55.065	ng	99
72) Anthracene	11.439	178	374315	57.210	ng	99
73) Carbazole	11.598	167	291337	51.612	ng	98
74) Di-n-butylphthalate	11.915	149	390953	61.610	ng	99
75) Fluoranthene	12.574	202	303547	48.957	ng	98
77) Benzidine	12.698	184	68678	43.486	ng	99
78) Pyrene	12.804	202	300142	48.279	ng	99
80) Butylbenzylphthalate	13.410	149	119631	60.092	ng	100
81) Benzo(a)anthracene	13.992	228	257707	56.678	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	59423	51.070	ng	99
83) Chrysene	14.027	228	225217	54.902	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	162539	55.756	ng	98
85) Di-n-octyl phthalate	14.574	149	280732	52.049	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	190992	39.878	ng	97
88) Benzo(b)fluoranthene	15.039	252	235164	56.763	ng	98
89) Benzo(k)fluoranthene	15.068	252	228155	63.606	ng	98
90) Benzo(a)pyrene	15.403	252	206496	59.256	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	155798	39.628	ng	98
92) Benzo(g,h,i)perylene	17.380	276	137122	33.611	ng	96

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

