

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138769.D
 Acq On : 03 Aug 2024 14:40
 Operator : RC/JU
 Sample : P3448-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:51:20 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	6.845	152	45415	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	186951	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	102625	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	159430	20.000	ng	0.00
76) Chrysene-d12	14.010	240	78483	20.000	ng	0.00
86) Perylene-d12	15.474	264	92586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	251103	85.350	ng	0.02
7) Phenol-d6	6.492	99	346892	87.821	ng	0.00
23) Nitrobenzene-d5	7.410	82	216155	56.529	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	77942	92.718	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	405386	59.351	ng	0.00
79) Terphenyl-d14	12.951	244	316515	67.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	47488	36.868	ng	94
3) Pyridine	3.451	79	119086	38.166	ng	95
4) n-Nitrosodimethylamine	3.410	42	86875	46.749	ng	93
6) Aniline	6.510	93	91778	26.054	ng	# 21
8) 2-Chlorophenol	6.634	128	150073	48.483	ng	96
9) Benzaldehyde	6.398	77	7157	3.023	ng	94
10) Phenol	6.504	94	188249	45.264	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	141160	44.107	ng	98
12) 1,3-Dichlorobenzene	6.787	146	157447	45.441	ng	100
13) 1,4-Dichlorobenzene	6.863	146	159862	45.718	ng	99
14) 1,2-Dichlorobenzene	7.016	146	151757	46.439	ng	99
15) Benzyl Alcohol	6.992	79	139998	49.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	225440	40.931	ng	59
17) 2-Methylphenol	7.110	107	119613	46.797	ng	# 90
18) Hexachloroethane	7.351	117	59494	45.200	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	114932	48.175	ng	97
20) 3+4-Methylphenols	7.263	107	159825	48.735	ng	# 83
22) Acetophenone	7.257	105	204168	44.603	ng	97
24) Nitrobenzene	7.434	77	167875	43.144	ng	97
25) Isophorone	7.669	82	301781	46.219	ng	99
26) 2-Nitrophenol	7.745	139	80632	48.166	ng	98
27) 2,4-Dimethylphenol	7.787	122	102719	51.285	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	181737	45.707	ng	99
29) 2,4-Dichlorophenol	7.992	162	122307	47.521	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	135504	45.622	ng	99
31) Naphthalene	8.151	128	451678	45.900	ng	100
32) Benzoic acid	7.928	122	54133	34.382	ng	96
33) 4-Chloroaniline	8.198	127	43696	13.228	ng	97
34) Hexachlorobutadiene	8.263	225	81429	45.263	ng	100
35) Caprolactam	8.586	113	34275m	44.631	ng	
36) 4-Chloro-3-methylphenol	8.698	107	141596	48.139	ng	99
37) 2-Methylnaphthalene	8.839	142	295418	47.535	ng	99
38) 1-Methylnaphthalene	8.939	142	274888	45.138	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	127576	44.751	ng	98
41) Hexachlorocyclopentadiene	8.986	237	75334	98.110	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	82303	47.351	ng	98

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44) 2,4,5-Trichlorophenol	9.175	196	87725	46.167	ng	99
46) 1,1'-Biphenyl	9.304	154	347884	43.283	ng	99
47) 2-Chloronaphthalene	9.333	162	269912	45.153	ng	99
48) 2-Nitroaniline	9.433	65	90951	44.881	ng	97
49) Acenaphthylene	9.745	152	427532	50.427	ng	99
50) Dimethylphthalate	9.610	163	324949	49.520	ng	100
51) 2,6-Dinitrotoluene	9.675	165	68881	46.512	ng	98
52) Acenaphthene	9.916	154	264115	46.343	ng	99
53) 3-Nitroaniline	9.845	138	37186	24.290	ng	97
54) 2,4-Dinitrophenol	9.957	184	55584	81.536	ng	89
55) Dibenzofuran	10.092	168	382493	47.544	ng	99
56) 4-Nitrophenol	10.022	139	71907	78.106	ng	97
57) 2,4-Dinitrotoluene	10.080	165	92931	49.185	ng	95
58) Fluorene	10.433	166	311599	48.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	68534	47.176	ng	98
60) Diethylphthalate	10.304	149	316736	50.907	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	152674	48.455	ng	98
62) 4-Nitroaniline	10.463	138	60915	41.870	ng	96
63) Azobenzene	10.586	77	325194	47.125	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	46570	47.879	ng	99
66) n-Nitrosodiphenylamine	10.545	169	257573	51.686	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	87223	50.531	ng	99
68) Hexachlorobenzene	10.980	284	88025	49.390	ng	96
69) Atrazine	11.075	200	75713	58.887	ng	99
70) Pentachlorophenol	11.180	266	65332	81.326	ng	98
71) Phenanthrene	11.398	178	464690	56.605	ng	100
72) Anthracene	11.451	178	425027	52.554	ng	99
73) Carbazole	11.604	167	323348	46.342	ng	99
74) Di-n-butylphthalate	11.927	149	452517	57.692	ng	99
75) Fluoranthene	12.586	202	410831	53.606	ng	99
77) Benzidine	12.704	184	64780	34.509	ng	98
78) Pyrene	12.816	202	411126	55.637	ng	100
80) Butylbenzylphthalate	13.427	149	135540	57.279	ng	95
81) Benzo(a)anthracene	14.004	228	298736	55.275	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	42075	30.422	ng	97
83) Chrysene	14.039	228	251065	51.491	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	180500	52.092	ng	99
85) Di-n-octyl phthalate	14.592	149	295027	46.020	ng	96
87) Indeno(1,2,3-cd)pyrene	16.962	276	296257	44.650	ng	97
88) Benzo(b)fluoranthene	15.051	252	315089	54.899	ng	99
89) Benzo(k)fluoranthene	15.080	252	224266	45.130	ng	98
90) Benzo(a)pyrene	15.421	252	265105	54.914	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	236066	43.342	ng	99
92) Benzo(g,h,i)perylene	17.404	276	219340	38.808	ng	96

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

