

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139671.D
 Acq On : 04 Oct 2024 21:41
 Operator : RC/JU
 Sample : P4236-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 04 22:56:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87628	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	314605	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	153935	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	240992	20.000	ng	0.00
76) Chrysene-d12	14.027	240	170279	20.000	ng	0.00
86) Perylene-d12	15.498	264	132793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	452274	89.458	ng	0.01
7) Phenol-d6	6.504	99	583687	85.851	ng	0.00
23) Nitrobenzene-d5	7.428	82	382319	61.528	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	114665	77.164	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	665103	66.330	ng	0.00
79) Terphenyl-d14	12.968	244	575440	55.450	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	105757	48.384	ng	98
3) Pyridine	3.475	79	250867	47.191	ng	98
4) n-Nitrosodimethylamine	3.440	42	174470	50.140	ng	100
6) Aniline	6.528	93	184334	30.554	ng	# 68
8) 2-Chlorophenol	6.651	128	266541	49.208	ng	99
9) Benzaldehyde	6.416	77	99821	27.716	ng	99
10) Phenol	6.516	94	337340	47.187	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	276342	47.475	ng	99
12) 1,3-Dichlorobenzene	6.804	146	285975	46.931	ng	98
13) 1,4-Dichlorobenzene	6.886	146	293706	47.591	ng	99
14) 1,2-Dichlorobenzene	7.034	146	274482	47.455	ng	100
15) Benzyl Alcohol	7.010	79	242943	46.767	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	488215	48.449	ng	91
17) 2-Methylphenol	7.128	107	210008	46.442	ng	96
18) Hexachloroethane	7.375	117	102744	44.634	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	201733	46.152	ng	99
20) 3+4-Methylphenols	7.275	107	267654	47.124	ng	92
22) Acetophenone	7.275	105	368641	49.364	ng	96
24) Nitrobenzene	7.451	77	303902	47.231	ng	99
25) Isophorone	7.686	82	531410	48.151	ng	99
26) 2-Nitrophenol	7.763	139	137098	49.563	ng	98
27) 2,4-Dimethylphenol	7.804	122	197952	58.457	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	320062	48.566	ng	99
29) 2,4-Dichlorophenol	8.010	162	211135	47.802	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	232331	46.512	ng	100
31) Naphthalene	8.169	128	759638	47.225	ng	100
32) Benzoic acid	7.928	122	136915	40.662	ng	100
33) 4-Chloroaniline	8.233	127	42009	7.715	ng	99
34) Hexachlorobutadiene	8.286	225	150528	46.567	ng	99
35) Caprolactam	8.586	113	65852m	45.456	ng	
36) 4-Chloro-3-methylphenol	8.710	107	219904	43.982	ng	99
37) 2-Methylnaphthalene	8.863	142	476704	45.503	ng	99
38) 1-Methylnaphthalene	8.963	142	443189	43.279	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	220578	51.602	ng	99
41) Hexachlorocyclopentadiene	9.010	237	113452	86.559	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	144398	50.110	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	148379	47.748	ng	98
46) 1,1'-Biphenyl	9.322	154	576676	50.368	ng	99
47) 2-Chloronaphthalene	9.351	162	417674	48.662	ng	99
48) 2-Nitroaniline	9.445	65	151910	49.304	ng	99
49) Acenaphthylene	9.763	152	663569	50.836	ng	100
50) Dimethylphthalate	9.622	163	517130	51.319	ng	100
51) 2,6-Dinitrotoluene	9.686	165	105198	46.215	ng	97
52) Acenaphthene	9.933	154	428383	47.806	ng	99
53) 3-Nitroaniline	9.857	138	69296	29.790	ng	98
54) 2,4-Dinitrophenol	9.969	184	53358	43.581	ng	96
55) Dibenzofuran	10.110	168	592730	47.243	ng	99
56) 4-Nitrophenol	10.027	139	147034	82.887	ng	97
57) 2,4-Dinitrotoluene	10.092	165	132982	44.694	ng	98
58) Fluorene	10.451	166	446459	44.677	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	112690	44.898	ng	98
60) Diethylphthalate	10.322	149	493369	47.402	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	225867	45.179	ng	96
62) 4-Nitroaniline	10.469	138	85812	36.065	ng	99
63) Azobenzene	10.604	77	475391	45.418	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	36458	26.786	ng	99
66) n-Nitrosodiphenylamine	10.563	169	388788	54.731	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	126213	51.080	ng	99
68) Hexachlorobenzene	10.998	284	132762	48.421	ng	98
69) Atrazine	11.086	200	117485	61.643	ng	99
70) Pentachlorophenol	11.192	266	143874	88.125	ng	99
71) Phenanthrene	11.416	178	573539	50.474	ng	99
72) Anthracene	11.463	178	582533	51.820	ng	99
73) Carbazole	11.621	167	532906	49.358	ng	99
74) Di-n-butylphthalate	11.945	149	684390	52.127	ng	99
75) Fluoranthene	12.604	202	617022	49.674	ng	99
77) Benzidine	12.727	184	270277	89.987	ng	99
78) Pyrene	12.833	202	634974	41.693	ng	100
80) Butylbenzylphthalate	13.445	149	268030	49.202	ng	99
81) Benzo(a)anthracene	14.021	228	560968	50.108	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	174575	50.953	ng	98
83) Chrysene	14.057	228	493877	48.253	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	376710	55.380	ng	99
85) Di-n-octyl phthalate	14.615	149	628804	62.922	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	352970	45.160	ng	100
88) Benzo(b)fluoranthene	15.068	252	407946	47.512	ng	100
89) Benzo(k)fluoranthene	15.098	252	396692	54.465	ng	99
90) Benzo(a)pyrene	15.433	252	355136	52.456	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	291022	44.893	ng	99
92) Benzo(g,h,i)perylene	17.409	276	259474	39.910	ng	100

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

