

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137486.D
 Acq On : 04 Mar 2024 17:49
 Operator : CG\JU
 Sample : P1662-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-352MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 23:17:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	244947	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	973332	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	538920	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	906149	20.000	ng	0.00
76) Chrysene-d12	14.045	240	438816	20.000	ng	0.00
86) Perylene-d12	15.568	264	494518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1864689	115.296	ng	0.02
7) Phenol-d6	6.510	99	2437365	104.405	ng	0.00
23) Nitrobenzene-d5	7.422	82	1777771	84.866	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	645001	136.287	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2737689	79.520	ng	0.00
79) Terphenyl-d14	12.986	244	2824730	88.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	324760	36.724	ng	99
3) Pyridine	3.628	79	720632	33.789	ng	98
4) n-Nitrosodimethylamine	3.575	42	391290	45.506	ng	99
6) Aniline	6.534	93	513211	17.991	ng	92
8) 2-Chlorophenol	6.651	128	787027	46.137	ng	98
9) Benzaldehyde	6.416	77	312746	27.345	ng	99
10) Phenol	6.522	94	953324	37.940	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	811443	44.069	ng	99
12) 1,3-Dichlorobenzene	6.798	146	717175	39.344	ng	100
13) 1,4-Dichlorobenzene	6.875	146	717230	38.457	ng	98
14) 1,2-Dichlorobenzene	7.022	146	706232	41.256	ng	99
15) Benzyl Alcohol	7.004	79	745609	51.302	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1235123	39.023	ng	88
17) 2-Methylphenol	7.116	107	632211	39.607	ng	98
18) Hexachloroethane	7.363	117	246622	40.160	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	602477	41.792	ng	97
20) 3+4-Methylphenols	7.269	107	740232	40.492	ng	93
22) Acetophenone	7.269	105	1044081	44.334	ng	# 97
24) Nitrobenzene	7.440	77	901904	42.859	ng	99
25) Isophorone	7.675	82	1745406	43.857	ng	99
26) 2-Nitrophenol	7.751	139	395569	47.348	ng	99
27) 2,4-Dimethylphenol	7.793	122	575130	36.842	ng	99
28) bis(2-Chloroethoxy)met...	7.887	93	1040089	44.542	ng	98
29) 2,4-Dichlorophenol	7.992	162	672500	46.939	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	651881	43.237	ng	99
31) Naphthalene	8.157	128	2149261	41.156	ng	99
32) Benzoic acid	7.898	122	25769m	8.789	ng	
33) 4-Chloroaniline	8.210	127	163273	7.973	ng	98
34) Hexachlorobutadiene	8.269	225	361546	40.618	ng	98
35) Caprolactam	8.587	113	193347m	39.799	ng	
36) 4-Chloro-3-methylphenol	8.698	107	736926	46.016	ng	99
37) 2-Methylnaphthalene	8.845	142	1373118	41.245	ng	100
38) 1-Methylnaphthalene	8.945	142	1293338	41.252	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	667537	44.368	ng	99
41) Hexachlorocyclopentadiene	8.998	237	522714	84.605	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	458631	46.811	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	479858	42.517	ng	98
46) 1,1'-Biphenyl	9.316	154	1717476	43.542	ng	99
47) 2-Chloronaphthalene	9.339	162	1350420	44.905	ng	99
48) 2-Nitroaniline	9.439	65	506225	49.525	ng	92
49) Acenaphthylene	9.757	152	2142961	44.527	ng	99
50) Dimethylphthalate	9.628	163	1680248	44.789	ng	100
51) 2,6-Dinitrotoluene	9.686	165	359771	45.850	ng	95
52) Acenaphthene	9.928	154	1231676	42.868	ng	100
53) 3-Nitroaniline	9.851	138	207685	25.023	ng	99
54) 2,4-Dinitrophenol	9.963	184	59823	22.249	ng	96
55) Dibenzofuran	10.104	168	1862050	42.550	ng	98
56) 4-Nitrophenol	10.028	139	405015	69.236	ng	99
57) 2,4-Dinitrotoluene	10.092	165	446592	46.326	ng	92
58) Fluorene	10.445	166	1403668	41.766	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	395644m	43.715	ng	
60) Diethylphthalate	10.328	149	1562047	44.093	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	688096	41.776	ng	95
62) 4-Nitroaniline	10.475	138	313224	43.909	ng	99
63) Azobenzene	10.598	77	1800290	44.132	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	93914	18.595	ng	98
66) n-Nitrosodiphenylamine	10.563	169	1316321	45.112	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	452385	45.836	ng	96
68) Hexachlorobenzene	10.992	284	493306	49.487	ng	95
69) Atrazine	11.098	200	430521	48.535	ng	97
70) Pentachlorophenol	11.192	266	399175	66.241	ng	99
71) Phenanthrene	11.410	178	2131180	43.216	ng	99
72) Anthracene	11.463	178	2209985	43.634	ng	100
73) Carbazole	11.622	167	1933991	44.578	ng	99
74) Di-n-butylphthalate	11.963	149	2342617	45.384	ng	99
75) Fluoranthene	12.610	202	1989865	41.280	ng	97
77) Benzidine	12.739	184	409787	38.159	ng	98
78) Pyrene	12.839	202	1990443	46.227	ng	99
80) Butylbenzylphthalate	13.469	149	635767	57.816	ng	97
81) Benzo(a)anthracene	14.039	228	1457157	47.378	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	233943	28.563	ng	99
83) Chrysene	14.074	228	1456155	46.844	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	813910	58.234	ng	98
85) Di-n-octyl phthalate	14.663	149	1471673	53.859	ng	100
87) Indeno(1,2,3-cd)pyrene	17.157	276	1492478	45.862	ng	98
88) Benzo(b)fluoranthene	15.121	252	1399914	47.856	ng	98
89) Benzo(k)fluoranthene	15.151	252	1405773	44.741	ng	99
90) Benzo(a)pyrene	15.504	252	1325572	45.984	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1175868	44.542	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1129525	41.662	ng	98

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

