

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137473.D
 Acq On : 02 Mar 2024 14:52
 Operator : CG\JU
 Sample : PB159389BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159389BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/04/2024
 Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 04 00:39:58 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	214957	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	874513	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	483370	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	872157	20.000	ng	0.00
76) Chrysene-d12	14.051	240	504525	20.000	ng	0.00
86) Perylene-d12	15.574	264	432696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1770145	124.720	ng	0.01
7) Phenol-d6	6.510	99	2427446	118.487	ng	0.00
23) Nitrobenzene-d5	7.422	82	1558778	82.820	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	590558	139.124	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2469237	79.965	ng	0.00
79) Terphenyl-d14	12.992	244	2995319	81.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	290223	37.398	ng	99
3) Pyridine	3.551	79	625093	33.398	ng	99
4) n-Nitrosodimethylamine	3.528	42	341701	45.302	ng	93
6) Aniline	6.534	93	610897	24.403	ng	100
8) 2-Chlorophenol	6.651	128	704051	47.031	ng	98
10) Phenol	6.522	94	947933	42.988	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	698762	43.244	ng	99
12) 1,3-Dichlorobenzene	6.798	146	720883	45.065	ng	100
13) 1,4-Dichlorobenzene	6.875	146	740741	45.259	ng	98
14) 1,2-Dichlorobenzene	7.028	146	696065	46.335	ng	97
15) Benzyl Alcohol	7.004	79	618092	48.461	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1189844	42.838	ng	97
17) 2-Methylphenol	7.116	107	601935	42.972	ng	98
18) Hexachloroethane	7.363	117	251754	46.715	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	524760	41.480	ng	97
20) 3+4-Methylphenols	7.269	107	670612	41.801	ng	98
22) Acetophenone	7.269	105	934141	44.148	ng	# 95
24) Nitrobenzene	7.439	77	822765	43.517	ng	99
25) Isophorone	7.681	82	1560995	43.655	ng	98
26) 2-Nitrophenol	7.757	139	355669	47.383	ng	95
27) 2,4-Dimethylphenol	7.792	122	565445	40.315	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	907272	43.245	ng	100
29) 2,4-Dichlorophenol	7.998	162	584068	45.373	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	612407	45.208	ng	99
31) Naphthalene	8.157	128	1972301	42.035	ng	99
32) Benzoic acid	7.939	122	365400	45.601	ng	97
33) 4-Chloroaniline	8.210	127	185605	10.088	ng	98
34) Hexachlorobutadiene	8.275	225	351644	43.970	ng	100
35) Caprolactam	8.586	113	208634m	47.798	ng	
36) 4-Chloro-3-methylphenol	8.698	107	658189	45.743	ng	99
37) 2-Methylnaphthalene	8.851	142	1213010	40.553	ng	99
38) 1-Methylnaphthalene	8.951	142	1180212	41.898	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	608512	45.093	ng	99
41) Hexachlorocyclopentadiene	9.004	237	530817	94.701	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	402023	45.748	ng	99
44) 2,4,5-Trichlorophenol	9.181	196	431136	42.590	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.316	154	1555067	43.955	ng	99
47) 2-Chloronaphthalene	9.339	162	1213187	44.978	ng	99
48) 2-Nitroaniline	9.445	65	437221	47.690	ng	97
49) Acenaphthylene	9.757	152	1938763	44.914	ng	99
50) Dimethylphthalate	9.628	163	1460460	43.404	ng	100
51) 2,6-Dinitrotoluene	9.686	165	327915	46.593	ng	98
52) Acenaphthene	9.928	154	1087659	42.206	ng	99
53) 3-Nitroaniline	9.857	138	182269	24.485	ng	95
54) 2,4-Dinitrophenol	9.963	184	335180	95.829	ng	93
55) Dibenzofuran	10.104	168	1663750	42.388	ng	99
56) 4-Nitrophenol	10.028	139	498333	93.295	ng	92
57) 2,4-Dinitrotoluene	10.092	165	404486	46.780	ng	91
58) Fluorene	10.445	166	1257075	41.703	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	372666	45.908	ng	94
60) Diethylphthalate	10.328	149	1387533	43.668	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	605615	40.994	ng	98
62) 4-Nitroaniline	10.480	138	286365	44.757	ng	99
63) Azobenzene	10.604	77	1589445	43.441	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	230100	47.337	ng	86
66) n-Nitrosodiphenylamine	10.563	169	1174793	41.830	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	399860	42.093	ng	97
68) Hexachlorobenzene	10.992	284	439573	45.815	ng	99
69) Atrazine	11.098	200	393017	46.034	ng	97
70) Pentachlorophenol	11.192	266	502654	86.664	ng	99
71) Phenanthrene	11.416	178	1985659	41.835	ng	99
72) Anthracene	11.469	178	2020567	41.449	ng	99
73) Carbazole	11.627	167	1828550	43.791	ng	99
74) Di-n-butylphthalate	11.963	149	2157229	43.422	ng	99
75) Fluoranthene	12.610	202	2024227	43.630	ng	99
77) Benzidine	12.745	184	259236	20.996	ng	99
78) Pyrene	12.839	202	2087107	42.159	ng	99
80) Butylbenzylphthalate	13.474	149	636557	50.349	ng	97
81) Benzo(a)anthracene	14.039	228	1522279	43.049	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	285322	30.299	ng	98
83) Chrysene	14.080	228	1525521	42.684	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	780730	48.584	ng	100
85) Di-n-octyl phthalate	14.663	149	1313887	43.075	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	1361020	47.798	ng	98
88) Benzo(b)fluoranthene	15.121	252	1321158	51.617	ng	99
89) Benzo(k)fluoranthene	15.151	252	1153287	41.950	ng	99
90) Benzo(a)pyrene	15.510	252	1098367	43.546	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	1100884	47.660	ng	99
92) Benzo(g,h,i)perylene	17.645	276	1122654	47.325	ng	99

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

