

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137879.D
 Acq On : 10 May 2024 14:18
 Operator : CG\JU
 Sample : PB160807BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160807BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:33:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	161071	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	655174	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	385404	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	682186	20.000	ng	0.00
76) Chrysene-d12	14.245	240	408092	20.000	ng	0.00
86) Perylene-d12	15.815	264	358120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1174211	122.056	ng	0.01
7) Phenol-d6	6.669	99	1466564	120.187	ng	0.00
23) Nitrobenzene-d5	7.616	82	913645	81.018	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	527000	133.924	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1945263	81.886	ng	-0.01
79) Terphenyl-d14	13.180	244	2283125	93.758	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	152847	35.282	ng	96
3) Pyridine	3.799	79	383174	36.546	ng	96
4) n-Nitrosodimethylamine	3.769	42	186258	39.450	ng	98
6) Aniline	6.710	93	399145m	33.003	ng	
8) 2-Chlorophenol	6.834	128	471813	45.003	ng	99
9) Benzaldehyde	6.604	77	197371	30.035	ng	98
10) Phenol	6.681	94	526832	42.135	ng	98
11) bis(2-Chloroethyl)ether	6.781	93	405025	41.370	ng	99
12) 1,3-Dichlorobenzene	6.992	146	500377	42.324	ng	98
13) 1,4-Dichlorobenzene	7.069	146	506694	42.713	ng	99
14) 1,2-Dichlorobenzene	7.222	146	481945	43.134	ng	99
15) Benzyl Alcohol	7.187	79	369631	43.803	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	539799	39.226	ng	97
17) 2-Methylphenol	7.292	107	372715	44.058	ng	98
18) Hexachloroethane	7.563	117	171425	42.745	ng	99
19) n-Nitroso-di-n-propyla...	7.457	70	299633	41.089	ng	96
20) 3+4-Methylphenols	7.439	107	471226	42.339	ng	95
22) Acetophenone	7.457	105	628705	42.667	ng	99
24) Nitrobenzene	7.634	77	462940	39.831	ng	95
25) Isophorone	7.869	82	839621	41.295	ng	98
26) 2-Nitrophenol	7.945	139	255890	48.618	ng	92
27) 2,4-Dimethylphenol	7.975	122	341235	45.034	ng	97
28) bis(2-Chloroethoxy)met...	8.075	93	500874	40.686	ng	98
29) 2,4-Dichlorophenol	8.186	162	398357	43.495	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	424607	42.528	ng	100
31) Naphthalene	8.357	128	1370011	42.077	ng	99
32) Benzoic acid	8.086	122	279584	42.770	ng	99
33) 4-Chloroaniline	8.398	127	183672	15.212	ng	99
34) Hexachlorobutadiene	8.469	225	259614	42.353	ng	100
35) Caprolactam	8.769	113	130397m	44.936	ng	
36) 4-Chloro-3-methylphenol	8.875	107	416928	43.653	ng	94
37) 2-Methylnaphthalene	9.051	142	936947	44.456	ng	100
38) 1-Methylnaphthalene	9.151	142	866809	41.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	438819	42.989	ng	99
41) Hexachlorocyclopentadiene	9.198	237	484707	116.907	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	299525	43.107	ng	99

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44) 2,4,5-Trichlorophenol	9.363	196	323558	42.172	ng	96
46) 1,1'-Biphenyl	9.516	154	1123687	42.484	ng	98
47) 2-Chloronaphthalene	9.545	162	874639	40.959	ng	99
48) 2-Nitroaniline	9.633	65	252000	43.513	ng	98
49) Acenaphthylene	9.963	152	1394779	45.153	ng	100
50) Dimethylphthalate	9.810	163	1051508	43.218	ng	100
51) 2,6-Dinitrotoluene	9.875	165	235867	42.421	ng	96
52) Acenaphthene	10.133	154	944759	46.141	ng	99
53) 3-Nitroaniline	10.045	138	162622	27.929	ng	97
54) 2,4-Dinitrophenol	10.151	184	262736	96.168	ng	90
55) Dibenzofuran	10.304	168	1283236	43.067	ng	99
56) 4-Nitrophenol	10.198	139	408065	84.558	ng	96
57) 2,4-Dinitrotoluene	10.280	165	331976	45.701	ng	98
58) Fluorene	10.651	166	1006319	42.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	268802	43.154	ng	99
60) Diethylphthalate	10.510	149	974815	42.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.639	204	491069	42.028	ng	98
62) 4-Nitroaniline	10.669	138	244583	41.413	ng	95
63) Azobenzene	10.798	77	905586	40.548	ng	98
65) 4,6-Dinitro-2-methylph...	10.692	198	183581	46.886	ng	81
66) n-Nitrosodiphenylamine	10.757	169	852977	41.771	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	311826	42.711	ng	96
68) Hexachlorobenzene	11.198	284	339405	42.540	ng	97
69) Atrazine	11.280	200	300284	48.227	ng	98
70) Pentachlorophenol	11.392	266	431083	78.700	ng	99
71) Phenanthrene	11.622	178	1447923	43.545	ng	99
72) Anthracene	11.674	178	1452598	43.906	ng	99
73) Carbazole	11.822	167	1345798	42.208	ng	100
74) Di-n-butylphthalate	12.139	149	1521839	43.754	ng	100
75) Fluoranthene	12.816	202	1521626	41.864	ng	98
77) Benzidine	12.927	184	331766	35.151	ng	99
78) Pyrene	13.045	202	1516883	46.880	ng	99
80) Butylbenzylphthalate	13.651	149	540586	52.657	ng	97
81) Benzo(a)anthracene	14.233	228	1150516	44.079	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	251321	32.163	ng	99
83) Chrysene	14.274	228	1059136	43.337	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	662267	51.186	ng	99
85) Di-n-octyl phthalate	14.833	149	944440	54.239	ng	98
87) Indeno(1,2,3-cd)pyrene	17.451	276	1020561	50.125	ng	99
88) Benzo(b)fluoranthene	15.345	252	946505	42.480	ng	100
89) Benzo(k)fluoranthene	15.374	252	949500	44.090	ng	98
90) Benzo(a)pyrene	15.745	252	852352	46.890	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	830224	50.096	ng	99
92) Benzo(g,h,i)perylene	17.956	276	790867	45.522	ng	98

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

