

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137829.D
 Acq On : 03 May 2024 15:04
 Operator : CG\JU
 Sample : PB160706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160706BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 15:34:07 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	149761	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	582210	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	321580	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	721812	20.000	ng	0.00
76) Chrysene-d12	14.245	240	286595	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	292898	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1381169	154.411	ng	0.01
7) Phenol-d6	6.669	99	1226294	108.086	ng	0.00
23) Nitrobenzene-d5	7.616	82	780682	77.903	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	554638	168.921	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1653283	83.408	ng	-0.01
79) Terphenyl-d14	13.180	244	2148553	125.636	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.057	88	123371	30.629	ng	98
3) Pyridine	3.799	79	313392	32.148	ng	95
4) n-Nitrosodimethylamine	3.763	42	160386	36.536	ng	99
6) Aniline	6.716	93	352785	31.372	ng	99
8) 2-Chlorophenol	6.840	128	398346	40.865	ng	97
9) Benzaldehyde	6.604	77	175089	28.657	ng	97
10) Phenol	6.687	94	446035	38.367	ng	100
11) bis(2-Chloroethyl)ether	6.787	93	348491	38.284	ng	98
12) 1,3-Dichlorobenzene	6.992	146	420571	38.260	ng	100
13) 1,4-Dichlorobenzene	7.069	146	433159	39.271	ng	100
14) 1,2-Dichlorobenzene	7.222	146	416264	40.069	ng	98
15) Benzyl Alcohol	7.187	79	328624	41.884	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	457777	35.778	ng	96
17) 2-Methylphenol	7.292	107	316346	40.219	ng	99
18) Hexachloroethane	7.569	117	152174	40.811	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	262150	38.664	ng	96
20) 3+4-Methylphenols	7.445	107	404053	39.045	ng	# 86
22) Acetophenone	7.457	105	541755	41.374	ng	99
24) Nitrobenzene	7.634	77	395463	38.289	ng	99
25) Isophorone	7.869	82	724608	40.104	ng	100
26) 2-Nitrophenol	7.951	139	211884	45.302	ng	97
27) 2,4-Dimethylphenol	7.975	122	293652	43.611	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	432503	39.535	ng	99
29) 2,4-Dichlorophenol	8.186	162	339460	41.709	ng	100
30) 1,2,4-Trichlorobenzene	8.275	180	361610	40.757	ng	100
31) Naphthalene	8.357	128	1179678	40.772	ng	100
32) Benzoic acid	8.086	122	242341	41.719	ng	98
33) 4-Chloroaniline	8.398	127	188590	17.577	ng	99
34) Hexachlorobutadiene	8.469	225	222532	40.853	ng	99
35) Caprolactam	8.769	113	104062m	40.355	ng	
36) 4-Chloro-3-methylphenol	8.875	107	351310	41.393	ng	95
37) 2-Methylnaphthalene	9.051	142	774117	41.333	ng	100
38) 1-Methylnaphthalene	9.151	142	711408	38.609	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	360350	42.308	ng	99
41) Hexachlorocyclopentadiene	9.204	237	450343	130.176	ng	98
43) 2,4,6-Trichlorophenol	9.322	196	249026	42.952	ng	100

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44) 2,4,5-Trichlorophenol	9.363	196	261976	40.922	ng	97
46) 1,1'-Biphenyl	9.516	154	943445	42.749	ng	99
47) 2-Chloronaphthalene	9.545	162	722615	40.556	ng	100
48) 2-Nitroaniline	9.633	65	200572	41.506	ng	98
49) Acenaphthylene	9.963	152	1150055	44.620	ng	100
50) Dimethylphthalate	9.810	163	864812	42.600	ng	100
51) 2,6-Dinitrotoluene	9.875	165	190634	41.090	ng	98
52) Acenaphthene	10.133	154	766663	44.875	ng	99
53) 3-Nitroaniline	10.045	138	116840	24.049	ng	94
54) 2,4-Dinitrophenol	10.151	184	199230	87.396	ng	# 86
55) Dibenzofuran	10.310	168	1035204	41.638	ng	98
56) 4-Nitrophenol	10.198	139	298987	74.251	ng	92
57) 2,4-Dinitrotoluene	10.280	165	256437	42.309	ng	97
58) Fluorene	10.651	166	850737	42.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	219177	42.171	ng	97
60) Diethylphthalate	10.516	149	814922	42.266	ng	98
61) 4-Chlorophenyl-phenyle...	10.639	204	404480	41.488	ng	98
62) 4-Nitroaniline	10.669	138	240637	48.831	ng	99
63) Azobenzene	10.798	77	1059646	56.863	ng	99
65) 4,6-Dinitro-2-methylph...	10.686	198	191027	46.109	ng	97
66) n-Nitrosodiphenylamine	10.757	169	970259	44.906	ng	100
67) 4-Bromophenyl-phenylether	11.133	248	359001	46.473	ng	97
68) Hexachlorobenzene	11.198	284	369143	43.728	ng	97
69) Atrazine	11.280	200	326020	49.486	ng	98
70) Pentachlorophenol	11.392	266	442711	76.386	ng	99
71) Phenanthrene	11.622	178	1532042	43.546	ng	100
72) Anthracene	11.674	178	1523735	43.528	ng	99
73) Carbazole	11.822	167	1346071	39.899	ng	100
74) Di-n-butylphthalate	12.139	149	1559146	42.366	ng	100
75) Fluoranthene	12.816	202	1468970	38.196	ng	99
77) Benzidine	12.927	184	447238	67.474	ng	99
78) Pyrene	13.045	202	1528143	67.249	ng	100
80) Butylbenzylphthalate	13.651	149	517155	71.730	ng	95
81) Benzo(a)anthracene	14.233	228	831025	45.336	ng	98
82) 3,3'-Dichlorobenzidine	14.192	252	165656	30.188	ng	# 98
83) Chrysene	14.268	228	769440	44.831	ng	98
84) Bis(2-ethylhexyl)phtha...	14.204	149	511732	56.319	ng	98
85) Di-n-octyl phthalate	14.833	149	787783	64.422	ng	97
87) Indeno(1,2,3-cd)pyrene	17.451	276	902589	54.203	ng	98
88) Benzo(b)fluoranthene	15.339	252	729212	40.015	ng	100
89) Benzo(k)fluoranthene	15.374	252	689960	39.172	ng	99
90) Benzo(a)pyrene	15.745	252	669300	45.019	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	739353	54.547	ng	100
92) Benzo(g,h,i)perylene	17.956	276	707296	49.777	ng	98

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

