

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137930.D
 Acq On : 17 May 2024 14:22
 Operator : CG\JU
 Sample : P2486-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPKMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 17 14:52:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	119547	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	472338	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	268359	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	476853	20.000	ng	0.00
76) Chrysene-d12	14.233	240	325911	20.000	ng	0.00
86) Perylene-d12	15.786	264	279065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	772911	109.823	ng	0.00
7) Phenol-d6	6.657	99	970001	111.888	ng	0.00
23) Nitrobenzene-d5	7.604	82	580553	72.333	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	333984	123.430	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1249071	71.697	ng	0.00
79) Terphenyl-d14	13.163	244	1541064	69.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.987	88	121501	39.852	ng	98
3) Pyridine	3.752	79	299171	43.733	ng	98
4) n-Nitrosodimethylamine	3.710	42	142186	47.114	ng	# 97
6) Aniline	6.704	93	346726	44.714	ng	99
8) 2-Chlorophenol	6.822	128	365525	47.992	ng	97
9) Benzaldehyde	6.593	77	79670	16.986	ng	98
10) Phenol	6.669	94	419340	47.921	ng	99
11) bis(2-Chloroethyl)ether	6.775	93	315609	46.974	ng	97
12) 1,3-Dichlorobenzene	6.981	146	388217	44.055	ng	98
13) 1,4-Dichlorobenzene	7.057	146	391079	44.214	ng	99
14) 1,2-Dichlorobenzene	7.210	146	374984	45.044	ng	99
15) Benzyl Alcohol	7.175	79	294666	50.901	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	394043	47.711	ng	99
17) 2-Methylphenol	7.281	107	290657	47.853	ng	99
18) Hexachloroethane	7.557	117	135744	45.351	ng	98
19) n-Nitroso-di-n-propyla...	7.445	70	234245	48.093	ng	98
20) 3+4-Methylphenols	7.428	107	375620	47.205	ng	95
22) Acetophenone	7.445	105	494472	46.731	ng	97
24) Nitrobenzene	7.622	77	355669	43.683	ng	99
25) Isophorone	7.857	82	649459	46.624	ng	98
26) 2-Nitrophenol	7.934	139	195791	47.857	ng	95
27) 2,4-Dimethylphenol	7.963	122	267930	50.867	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	391163	46.333	ng	99
29) 2,4-Dichlorophenol	8.175	162	311741	47.065	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	323489	43.742	ng	99
31) Naphthalene	8.345	128	1056186	44.472	ng	99
32) Benzoic acid	8.057	122	141984	31.888	ng	95
33) 4-Chloroaniline	8.387	127	246896	31.712	ng	97
34) Hexachlorobutadiene	8.457	225	196802	42.043	ng	98
35) Caprolactam	8.751	113	100250m	52.241	ng	
36) 4-Chloro-3-methylphenol	8.863	107	328594	48.767	ng	97
37) 2-Methylnaphthalene	9.039	142	700324	45.875	ng	99
38) 1-Methylnaphthalene	9.139	142	649467	43.275	ng	98
40) 1,2,4,5-Tetrachloroben...	9.204	216	334050	45.787	ng	98
41) Hexachlorocyclopentadiene	9.186	237	371053	133.849	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	227662	47.593	ng	99

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44) 2,4,5-Trichlorophenol	9.351	196	246025	47.005	ng	97
46) 1,1'-Biphenyl	9.504	154	863671	45.885	ng	99
47) 2-Chloronaphthalene	9.528	162	668587	44.498	ng	98
48) 2-Nitroaniline	9.622	65	188765	49.061	ng	97
49) Acenaphthylene	9.951	152	1073374	49.683	ng	99
50) Dimethylphthalate	9.798	163	805077	47.841	ng	99
51) 2,6-Dinitrotoluene	9.863	165	181520	46.998	ng	99
52) Acenaphthene	10.122	154	719131	50.362	ng	100
53) 3-Nitroaniline	10.033	138	145745	38.599	ng	100
54) 2,4-Dinitrophenol	10.139	184	182423	86.780	ng	# 86
55) Dibenzofuran	10.292	168	987405	47.514	ng	99
56) 4-Nitrophenol	10.186	139	304528	112.293	ng	97
57) 2,4-Dinitrotoluene	10.269	165	251423	50.354	ng	93
58) Fluorene	10.639	166	771981	46.966	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	205486	49.975	ng	100
60) Diethylphthalate	10.498	149	772332	49.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	377257	46.541	ng	98
62) 4-Nitroaniline	10.657	138	198996	55.566	ng	97
63) Azobenzene	10.786	77	704811	49.302	ng	100
65) 4,6-Dinitro-2-methylph...	10.675	198	138210	50.197	ng	95
66) n-Nitrosodiphenylamine	10.745	169	685330	46.865	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	243607	46.600	ng	98
68) Hexachlorobenzene	11.186	284	257739	44.602	ng	99
69) Atrazine	11.269	200	233853	58.563	ng	99
70) Pentachlorophenol	11.375	266	306629	90.587	ng	98
71) Phenanthrene	11.604	178	1116894	47.530	ng	100
72) Anthracene	11.657	178	1137545	48.790	ng	99
73) Carbazole	11.810	167	1062430	49.883	ng	99
74) Di-n-butylphthalate	12.127	149	1231731	52.111	ng	100
75) Fluoranthene	12.798	202	1193798	50.051	ng	99
77) Benzidine	12.916	184	471795	110.768	ng	100
78) Pyrene	13.027	202	1233214	43.262	ng	100
80) Butylbenzylphthalate	13.633	149	469516	54.607	ng	99
81) Benzo(a)anthracene	14.221	228	1016292	49.289	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	234183	40.983	ng	100
83) Chrysene	14.257	228	944097	47.876	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	623872	57.722	ng	98
85) Di-n-octyl phthalate	14.816	149	895881	61.356	ng	99
87) Indeno(1,2,3-cd)pyrene	17.415	276	920627	51.348	ng	99
88) Benzo(b)fluoranthene	15.321	252	774488	47.932	ng	99
89) Benzo(k)fluoranthene	15.351	252	780855	49.192	ng	99
90) Benzo(a)pyrene	15.721	252	706075	51.175	ng	98
91) Dibenzo(a,h)anthracene	17.433	278	737657	49.797	ng	99
92) Benzo(g,h,i)perylene	17.915	276	736512	47.329	ng	100

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

