

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138056.D
 Acq On : 29 May 2024 13:40
 Operator : CG\JU
 Sample : PB161170BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161170BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 14:16:12 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	159747	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	616668	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	343980	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	573616	20.000	ng	0.00
76) Chrysene-d12	14.233	240	319016	20.000	ng	0.00
86) Perylene-d12	15.804	264	305231	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1154687	122.782	ng	0.01
7) Phenol-d6	6.663	99	1387377	119.760	ng	0.00
23) Nitrobenzene-d5	7.604	82	865690	82.615	ng	0.00
42) 2,4,6-Tribromophenol	10.886	330	483786	139.486	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1863466	83.448	ng	0.00
79) Terphenyl-d14	13.169	244	1901126	87.829	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	136631	33.537	ng	99
3) Pyridine	3.793	79	346170	37.869	ng	100
4) n-Nitrosodimethylamine	3.757	42	167532	41.543	ng	100
6) Aniline	6.698	93	319668m	30.851	ng	
8) 2-Chlorophenol	6.822	128	465494	45.738	ng	99
9) Benzaldehyde	6.592	77	341329	54.459	ng	98
10) Phenol	6.675	94	511993	43.786	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	402173	44.795	ng	99
12) 1,3-Dichlorobenzene	6.981	146	492037	41.786	ng	99
13) 1,4-Dichlorobenzene	7.057	146	501968	42.469	ng	98
14) 1,2-Dichlorobenzene	7.204	146	480622	43.205	ng	100
15) Benzyl Alcohol	7.175	79	369684	47.789	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	505354	45.791	ng	98
17) 2-Methylphenol	7.281	107	363367	44.770	ng	98
18) Hexachloroethane	7.551	117	172277	43.073	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	298775	45.905	ng	99
20) 3+4-Methylphenols	7.434	107	464317	43.668	ng	# 89
22) Acetophenone	7.445	105	617998	44.736	ng	98
24) Nitrobenzene	7.622	77	443545	41.725	ng	100
25) Isophorone	7.857	82	833966	45.857	ng	97
26) 2-Nitrophenol	7.934	139	253931	47.541	ng	97
27) 2,4-Dimethylphenol	7.963	122	337079	49.017	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	504015	45.727	ng	99
29) 2,4-Dichlorophenol	8.175	162	402127	46.502	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	430062	44.542	ng	98
31) Naphthalene	8.345	128	1339198	43.191	ng	100
32) Benzoic acid	8.092	122	279417	48.066	ng	96
33) 4-Chloroaniline	8.386	127	200587	19.734	ng	98
34) Hexachlorobutadiene	8.451	225	263550	43.125	ng	99
35) Caprolactam	8.775	113	124565m	49.720	ng	
36) 4-Chloro-3-methylphenol	8.869	107	408668	46.456	ng	100
37) 2-Methylnaphthalene	9.039	142	898788	45.096	ng	98
38) 1-Methylnaphthalene	9.139	142	824932	42.101	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	432389	46.237	ng	99
41) Hexachlorocyclopentadiene	9.186	237	428604	120.620	ng	99
43) 2,4,6-Trichlorophenol	9.316	196	291185	47.490	ng	99

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44) 2,4,5-Trichlorophenol	9.357	196	304176	45.339	ng	95
46) 1,1'-Biphenyl	9.504	154	1091683	45.249	ng	99
47) 2-Chloronaphthalene	9.533	162	853956	44.340	ng	99
48) 2-Nitroaniline	9.628	65	229359	46.506	ng	92
49) Acenaphthylene	9.951	152	1337688	48.305	ng	99
50) Dimethylphthalate	9.804	163	1023964	47.471	ng	100
51) 2,6-Dinitrotoluene	9.869	165	226164	45.684	ng	92
52) Acenaphthene	10.122	154	905673m	49.482	ng	
53) 3-Nitroaniline	10.039	138	156040	32.241	ng	92
54) 2,4-Dinitrophenol	10.145	184	243578	90.108	ng	# 87
55) Dibenzofuran	10.298	168	1215518	45.633	ng	98
56) 4-Nitrophenol	10.198	139	322939	92.903	ng	95
57) 2,4-Dinitrotoluene	10.275	165	302994	47.342	ng	94
58) Fluorene	10.639	166	949748	45.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	259927	49.318	ng	98
60) Diethylphthalate	10.504	149	955763	47.444	ng	99
61) 4-Chlorophenyl-phenyle...	10.628	204	479574	46.157	ng	93
62) 4-Nitroaniline	10.657	138	200840	43.752	ng	99
63) Azobenzene	10.786	77	844194	46.070	ng	99
65) 4,6-Dinitro-2-methylph...	10.686	198	175324	52.935	ng	91
66) n-Nitrosodiphenylamine	10.745	169	825401	46.922	ng	99
67) 4-Bromophenyl-phenylether	11.122	248	300267	47.749	ng	# 91
68) Hexachlorobenzene	11.186	284	327913	47.174	ng	# 93
69) Atrazine	11.269	200	279604	58.208	ng	100
70) Pentachlorophenol	11.380	266	374823	92.054	ng	99
71) Phenanthrene	11.610	178	1306866	46.232	ng	99
72) Anthracene	11.663	178	1308455	46.653	ng	99
73) Carbazole	11.816	167	1157580	45.182	ng	100
74) Di-n-butylphthalate	12.127	149	1413012	49.696	ng	99
75) Fluoranthene	12.804	202	1264533	44.073	ng	100
77) Benzidine	12.916	184	96787	23.215	ng	99
78) Pyrene	13.033	202	1272700	45.612	ng	100
80) Butylbenzylphthalate	13.639	149	457031	54.304	ng	95
81) Benzo(a)anthracene	14.227	228	975954	48.355	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	209912	37.529	ng	99
83) Chrysene	14.263	228	910566	47.174	ng	99
84) Bis(2-ethylhexyl)phtha...	14.192	149	596727	56.404	ng	100
85) Di-n-octyl phthalate	14.815	149	960223	67.184	ng	99
87) Indeno(1,2,3-cd)pyrene	17.445	276	975345	49.737	ng	99
88) Benzo(b)fluoranthene	15.333	252	849382	48.061	ng	99
89) Benzo(k)fluoranthene	15.363	252	862479	49.676	ng	99
90) Benzo(a)pyrene	15.739	252	795639	52.723	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	799287	49.332	ng	98
92) Benzo(g,h,i)perylene	17.939	276	766698	45.046	ng	99

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

