

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138242.D
 Acq On : 19 Jun 2024 12:01
 Operator : CG\JU
 Sample : PB161543BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161543BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 12:30:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	394589	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1609622	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	890244	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1537856	20.000	ng	0.00
76) Chrysene-d12	14.051	240	842780	20.000	ng	0.00
86) Perylene-d12	15.521	264	772756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2656839	112.635	ng	0.02
7) Phenol-d6	6.534	99	3374914	112.833	ng	0.01
23) Nitrobenzene-d5	7.463	82	2156933	78.011	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1050675	118.552	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3899952	69.661	ng	0.00
79) Terphenyl-d14	13.004	244	4088381	76.833	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	330907	30.655	ng	99
3) Pyridine	3.546	79	794731	30.977	ng	98
4) n-Nitrosodimethylamine	3.505	42	476378	40.121	ng	93
6) Aniline	6.557	93	735112	25.118	ng	98
8) 2-Chlorophenol	6.681	128	1149324	45.068	ng	98
9) Benzaldehyde	6.446	77	489027	30.783	ng	99
10) Phenol	6.545	94	1302480m	42.909	ng	
11) bis(2-Chloroethyl)ether	6.634	93	1065237	43.848	ng	100
12) 1,3-Dichlorobenzene	6.834	146	1115984	38.506	ng	99
13) 1,4-Dichlorobenzene	6.910	146	1143606	39.210	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1102199	40.256	ng	99
15) Benzyl Alcohol	7.040	79	928721	46.050	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1436323	41.892	ng	98
17) 2-Methylphenol	7.145	107	893337	44.400	ng	98
18) Hexachloroethane	7.404	117	414227	41.922	ng	92
19) n-Nitroso-di-n-propyla...	7.316	70	760499	42.894	ng	97
20) 3+4-Methylphenols	7.298	107	1031675	40.738	ng	94
22) Acetophenone	7.310	105	1432019	38.945	ng	# 97
24) Nitrobenzene	7.481	77	1123288	39.308	ng	94
25) Isophorone	7.716	82	2124039	42.471	ng	98
26) 2-Nitrophenol	7.792	139	616015	53.609	ng	97
27) 2,4-Dimethylphenol	7.828	122	788981m	45.131	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	1323039	42.261	ng	99
29) 2,4-Dichlorophenol	8.034	162	958599	42.590	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	1041783	39.248	ng	97
31) Naphthalene	8.198	128	3073133	38.611	ng	99
32) Benzoic acid	7.969	122	800454	51.951	ng	99
33) 4-Chloroaniline	8.245	127	664200	22.328	ng	98
34) Hexachlorobutadiene	8.310	225	597200	38.470	ng	99
35) Caprolactam	8.628	113	316112m	46.522	ng	
36) 4-Chloro-3-methylphenol	8.728	107	984617	43.937	ng	96
37) 2-Methylnaphthalene	8.887	142	2076119	39.745	ng	100
38) 1-Methylnaphthalene	8.987	142	1934140	37.785	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1029386	39.570	ng	99
41) Hexachlorocyclopentadiene	9.039	237	841250	99.174	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	710251	43.603	ng	98

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44) 2,4,5-Trichlorophenol	9.216	196	747803	41.804	ng	98
46) 1,1'-Biphenyl	9.357	154	2536918	38.835	ng	98
47) 2-Chloronaphthalene	9.381	162	2003953	38.816	ng	100
48) 2-Nitroaniline	9.475	65	596421	47.970	ng	96
49) Acenaphthylene	9.798	152	3022321	41.749	ng	100
50) Dimethylphthalate	9.657	163	2354001	43.157	ng	100
51) 2,6-Dinitrotoluene	9.716	165	549927	46.473	ng	96
52) Acenaphthene	9.969	154	2130325	43.155	ng	99
53) 3-Nitroaniline	9.886	138	435033	34.414	ng	95
54) 2,4-Dinitrophenol	9.992	184	589590	92.504	ng	96
55) Dibenzofuran	10.139	168	2724946	39.487	ng	99
56) 4-Nitrophenol	10.051	139	915805	91.674	ng	90
57) 2,4-Dinitrotoluene	10.122	165	722752	49.520	ng	92
58) Fluorene	10.481	166	2067279	38.101	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	627340	44.874	ng	99
60) Diethylphthalate	10.357	149	2227901	43.035	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	1061754	39.291	ng	97
62) 4-Nitroaniline	10.504	138	512835	40.603	ng	98
63) Azobenzene	10.633	77	2132532	41.117	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	400081	50.613	ng	89
66) n-Nitrosodiphenylamine	10.592	169	1928405	40.959	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	717188	41.387	ng	95
68) Hexachlorobenzene	11.028	284	810685	40.087	ng	95
69) Atrazine	11.122	200	630872	47.044	ng	99
70) Pentachlorophenol	11.222	266	918886	77.910	ng	97
71) Phenanthrene	11.445	178	3022120	39.737	ng	99
72) Anthracene	11.492	178	3007049	39.824	ng	99
73) Carbazole	11.645	167	2725593	39.355	ng	99
74) Di-n-butylphthalate	11.975	149	3242225	45.221	ng	99
75) Fluoranthene	12.627	202	3002879	38.721	ng	98
77) Benzidine	12.745	184	95217	9.768	ng	100
78) Pyrene	12.857	202	3038682	41.801	ng	99
80) Butylbenzylphthalate	13.474	149	1157195	58.522	ng	99
81) Benzo(a)anthracene	14.039	228	2281469	42.196	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	634999	42.648	ng	100
83) Chrysene	14.080	228	2206194	42.808	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1423730	61.907	ng	98
85) Di-n-octyl phthalate	14.645	149	2227008	65.182	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	2614302	51.896	ng	99
88) Benzo(b)fluoranthene	15.092	252	2275268	49.929	ng	98
89) Benzo(k)fluoranthene	15.127	252	2032655	45.514	ng	99
90) Benzo(a)pyrene	15.463	252	1991043	50.858	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	2169271	52.462	ng	99
92) Benzo(g,h,i)perylene	17.462	276	2075535	48.521	ng	98

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

