

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137227.D
 Acq On : 01 Feb 2024 12:48
 Operator : CG\JU
 Sample : PB158741BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 13:17:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	64103	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	259338	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	154009	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	307286	20.000	ng	0.00
76) Chrysene-d12	13.974	240	167477	20.000	ng	0.00
86) Perylene-d12	15.457	264	165308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	565947	145.681	ng	0.03
7) Phenol-d6	6.440	99	762798	137.588	ng	0.01
23) Nitrobenzene-d5	7.363	82	497971	85.969	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	241158	138.652	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	907329	80.987	ng	0.00
79) Terphenyl-d14	12.921	244	1092277	88.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	73423	35.322	ng	99
3) Pyridine	3.422	79	165398	39.851	ng	98
4) n-Nitrosodimethylamine	3.393	42	91631	43.854	ng	89
6) Aniline	6.463	93	181386	30.563	ng	95
8) 2-Chlorophenol	6.581	128	206500	47.540	ng	98
9) Benzaldehyde	6.351	77	41439	19.627	ng	93
10) Phenol	6.451	94	280484	45.324	ng	99
11) bis(2-Chloroethyl)ether	6.540	93	192130	46.457	ng	98
12) 1,3-Dichlorobenzene	6.739	146	221642	43.520	ng	97
13) 1,4-Dichlorobenzene	6.816	146	233100	44.256	ng	97
14) 1,2-Dichlorobenzene	6.963	146	217021	44.068	ng	98
15) Benzyl Alcohol	6.939	79	201000	51.031	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	305532	41.012	ng	99
17) 2-Methylphenol	7.051	107	180902	49.850	ng	98
18) Hexachloroethane	7.304	117	82816	43.596	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	168152	44.236	ng	96
20) 3+4-Methylphenols	7.204	107	221554	48.228	ng	97
22) Acetophenone	7.210	105	305552	43.764	ng	98
24) Nitrobenzene	7.381	77	251871	44.800	ng	97
25) Isophorone	7.616	82	455254	42.580	ng	99
26) 2-Nitrophenol	7.692	139	101104	46.530	ng	91
27) 2,4-Dimethylphenol	7.734	122	145810	47.713	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	248849	43.829	ng	99
29) 2,4-Dichlorophenol	7.934	162	176140	46.461	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	202240	42.946	ng	99
31) Naphthalene	8.098	128	606160	43.235	ng	99
32) Benzoic acid	7.869	122	116317	52.865	ng	95
33) 4-Chloroaniline	8.145	127	46924	9.730	ng	96
34) Hexachlorobutadiene	8.216	225	133243	42.554	ng	97
35) Caprolactam	8.522	113	56811m	48.193	ng	
36) 4-Chloro-3-methylphenol	8.633	107	208841	46.640	ng	94
37) 2-Methylnaphthalene	8.786	142	407308	43.334	ng	99
38) 1-Methylnaphthalene	8.886	142	386060	44.221	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	216491	42.010	ng	99
41) Hexachlorocyclopentadiene	8.939	237	280614	114.329	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	139192	47.621	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	150828	47.208	ng	98
46) 1,1'-Biphenyl	9.257	154	534614	43.630	ng	97
47) 2-Chloronaphthalene	9.281	162	393757	43.421	ng	99
48) 2-Nitroaniline	9.375	65	145146	49.453	ng	96
49) Acenaphthylene	9.692	152	635565	43.780	ng	100
50) Dimethylphthalate	9.563	163	472683	45.431	ng	100
51) 2,6-Dinitrotoluene	9.622	165	107907	48.636	ng	96
52) Acenaphthene	9.869	154	377843	44.284	ng	100
53) 3-Nitroaniline	9.792	138	50654	25.370	ng	91
54) 2,4-Dinitrophenol	9.898	184	117092	112.986	ng	87
55) Dibenzofuran	10.039	168	592638	43.658	ng	99
56) 4-Nitrophenol	9.957	139	158974	121.903	ng	99
57) 2,4-Dinitrotoluene	10.028	165	148114	51.451	ng	91
58) Fluorene	10.386	166	468483	44.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	144891m	48.740	ng	
60) Diethylphthalate	10.269	149	473370	46.207	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	233090	44.066	ng	98
62) 4-Nitroaniline	10.416	138	95544m	49.994	ng	
63) Azobenzene	10.539	77	506059	44.603	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	81992	50.102	ng	93
66) n-Nitrosodiphenylamine	10.498	169	415773	44.500	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	154444	45.709	ng	93
68) Hexachlorobenzene	10.927	284	166419	44.095	ng	99
69) Atrazine	11.033	200	143821	46.629	ng	98
70) Pentachlorophenol	11.127	266	216318	99.986	ng	99
71) Phenanthrene	11.351	178	709382	44.097	ng	99
72) Anthracene	11.404	178	741506	44.224	ng	99
73) Carbazole	11.557	167	621309	44.339	ng	99
74) Di-n-butylphthalate	11.898	149	739174	48.798	ng	99
75) Fluoranthene	12.539	202	722155	42.900	ng	98
77) Benzidine	12.669	184	169111	56.390	ng	99
78) Pyrene	12.769	202	741895	46.096	ng	100
80) Butylbenzylphthalate	13.404	149	228300	55.451	ng	100
81) Benzo(a)anthracene	13.963	228	538427	45.395	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	108706	33.640	ng	96
83) Chrysene	14.004	228	515670	44.223	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	277496	57.932	ng	99
85) Di-n-octyl phthalate	14.586	149	439119	57.656	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	522553	44.994	ng	99
88) Benzo(b)fluoranthene	15.021	252	478176	47.036	ng	98
89) Benzo(k)fluoranthene	15.057	252	444457	41.326	ng	99
90) Benzo(a)pyrene	15.392	252	424593	44.380	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	424057	45.569	ng	97
92) Benzo(g,h,i)perylene	17.415	276	410701	44.967	ng	98

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

