

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019911.D
 Acq On : 28 Feb 2024 11:58
 Operator : MA/JU
 Sample : PB159054BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 28 12:25:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	84843	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	361805	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	267171	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	659610	20.000	ng	0.00
76) Chrysene-d12	21.410	240	631722	20.000	ng	0.00
86) Perylene-d12	23.827	264	611127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	729083	141.048	ng	0.00
7) Phenol-d6	7.081	99	1016562	132.091	ng	0.00
23) Nitrobenzene-d5	9.075	82	692239	77.242	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	631943	137.947	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1665040	84.202	ng	0.00
79) Terphenyl-d14	19.880	244	3463002	86.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	60732	33.969	ng	96
3) Pyridine	3.775	79	181721	33.232	ng	99
4) n-Nitrosodimethylamine	3.699	42	105091	46.637	ng	94
6) Aniline	7.234	93	239261	25.343	ng	98
8) 2-Chlorophenol	7.463	128	270296	48.492	ng	98
9) Benzaldehyde	7.052	77	53891m	12.268	ng	
10) Phenol	7.105	94	372815	48.582	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	253144	41.883	ng	99
12) 1,3-Dichlorobenzene	7.787	146	271068	44.792	ng	99
13) 1,4-Dichlorobenzene	7.940	146	279543	45.616	ng	99
14) 1,2-Dichlorobenzene	8.252	146	272914	44.394	ng	100
15) Benzyl Alcohol	8.157	79	303067	44.638	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	258515m	40.060	ng	
17) 2-Methylphenol	8.352	107	248239	43.253	ng	97
18) Hexachloroethane	8.969	117	106276	44.753	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	231236	39.773	ng	99
20) 3+4-Methylphenols	8.687	107	343153	41.611	ng	94
22) Acetophenone	8.740	105	436085	38.808	ng	# 99
24) Nitrobenzene	9.122	77	350569	40.406	ng	99
25) Isophorone	9.646	82	636407	40.799	ng	100
26) 2-Nitrophenol	9.822	139	153829	44.310	ng	98
27) 2,4-Dimethylphenol	9.887	122	222279	38.785	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	358841	41.221	ng	99
29) 2,4-Dichlorophenol	10.357	162	304624	47.652	ng	100
30) 1,2,4-Trichlorobenzene	10.569	180	308814	43.972	ng	99
31) Naphthalene	10.757	128	822059	42.436	ng	99
32) Benzoic acid	10.063	122	223145	45.956	ng	96
33) 4-Chloroaniline	10.887	127	163380	18.564	ng	97
34) Hexachlorobutadiene	11.022	225	214129	41.928	ng	98
35) Caprolactam	11.698	113	101208m	42.931	ng	
36) 4-Chloro-3-methylphenol	12.010	107	358161	45.418	ng	100
37) 2-Methylnaphthalene	12.369	142	610225	40.580	ng	99
38) 1-Methylnaphthalene	12.587	142	582651	40.947	ng	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	419635	45.981	ng	99
41) Hexachlorocyclopentadiene	12.698	237	455323	96.354	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	290746	48.250	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	323096	45.012	ng	98
46) 1,1'-Biphenyl	13.381	154	862077	45.065	ng	99
47) 2-Chloronaphthalene	13.422	162	688975	46.401	ng	99
48) 2-Nitroaniline	13.640	65	247565	46.132	ng	98
49) Acenaphthylene	14.269	152	1139241	47.358	ng	100
50) Dimethylphthalate	14.022	163	949381	43.529	ng	99
51) 2,6-Dinitrotoluene	14.145	165	210477	44.840	ng	99
52) Acenaphthene	14.610	154	638435	44.201	ng	99
53) 3-Nitroaniline	14.475	138	136032	29.276	ng	99
54) 2,4-Dinitrophenol	14.687	184	312084	101.994	ng	99
55) Dibenzofuran	14.945	168	1117903	45.350	ng	99
56) 4-Nitrophenol	14.792	139	367425	101.086	ng	99
57) 2,4-Dinitrotoluene	14.934	165	309355	46.307	ng	97
58) Fluorene	15.598	166	914853	45.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	309896	47.057	ng	99
60) Diethylphthalate	15.387	149	956617	44.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	512695	44.841	ng	99
62) 4-Nitroaniline	15.645	138	214169m	44.253	ng	
63) Azobenzene	15.892	77	922292	45.980	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	204094	45.587	ng	98
66) n-Nitrosodiphenylamine	15.822	169	816523	43.140	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	347131	42.562	ng	99
68) Hexachlorobenzene	16.598	284	401809	45.682	ng	100
69) Atrazine	16.786	200	309076	39.028	ng	99
70) Pentachlorophenol	16.951	266	568047	87.372	ng	99
71) Phenanthrene	17.351	178	1511347	42.926	ng	99
72) Anthracene	17.445	178	1538351	42.802	ng	100
73) Carbazole	17.722	167	1395575	43.841	ng	99
74) Di-n-butylphthalate	18.275	149	1655816	41.591	ng	99
75) Fluoranthene	19.322	202	1930974	42.260	ng	99
77) Benzidine	19.510	184	572004	31.522	ng	99
78) Pyrene	19.674	202	1989040	45.827	ng	100
80) Butylbenzylphthalate	20.563	149	749885	43.205	ng	98
81) Benzo(a)anthracene	21.392	228	2012925	44.889	ng	100
82) 3,3'-Dichlorobenzidine	21.327	252	585936	34.069	ng	98
83) Chrysene	21.445	228	1846904	43.955	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1038658	41.688	ng	100
85) Di-n-octyl phthalate	22.268	149	1726818	41.646	ng	99
87) Indeno(1,2,3-cd)pyrene	26.374	276	1856541	43.152	ng	99
88) Benzo(b)fluoranthene	23.092	252	1866359	49.813	ng	100
89) Benzo(k)fluoranthene	23.145	252	1803908	49.092	ng	99
90) Benzo(a)pyrene	23.727	252	1592423	44.473	ng	99
91) Dibenzo(a,h)anthracene	26.404	278	1544774	42.710	ng	99
92) Benzo(g,h,i)perylene	27.151	276	1436985	41.157	ng	99

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

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