

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019859.D
 Acq On : 24 Feb 2024 13:37
 Operator : MA/JU
 Sample : PB159213BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159213BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 00:09:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	75539	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	276669	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	179065	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	405459	20.000	ng	0.00
76) Chrysene-d12	21.416	240	361184	20.000	ng	-0.01
86) Perylene-d12	23.851	264	425520	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	621923	132.712	ng	0.00
7) Phenol-d6	7.081	99	750456	118.766	ng	0.00
23) Nitrobenzene-d5	9.075	82	525552	82.311	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	413188	158.039	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1232027	85.057	ng	0.00
79) Terphenyl-d14	19.880	244	2102690	95.740	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	59882	33.166	ng	98
3) Pyridine	3.787	79	148949	30.429	ng	98
4) n-Nitrosodimethylamine	3.705	42	86147	40.423	ng	100
6) Aniline	7.240	93	142619	23.228	ng	98
8) 2-Chlorophenol	7.469	128	213921	44.463	ng	98
9) Benzaldehyde	7.058	77	8979m	2.027	ng	
10) Phenol	7.111	94	264779	42.043	ng	96
11) bis(2-Chloroethyl)ether	7.340	93	201408	41.106	ng	99
12) 1,3-Dichlorobenzene	7.787	146	244976	41.612	ng	99
13) 1,4-Dichlorobenzene	7.940	146	251735	42.206	ng	98
14) 1,2-Dichlorobenzene	8.252	146	237979	41.238	ng	99
15) Benzyl Alcohol	8.158	79	216218	42.826	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	198956	40.607	ng	98
17) 2-Methylphenol	8.358	107	180958	42.679	ng	98
18) Hexachloroethane	8.969	117	97525	42.184	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	170194	39.433	ng	98
20) 3+4-Methylphenols	8.687	107	239987	41.474	ng	97
22) Acetophenone	8.740	105	343884	43.630	ng	# 98
24) Nitrobenzene	9.122	77	257113	39.995	ng	97
25) Isophorone	9.646	82	462045	41.552	ng	100
26) 2-Nitrophenol	9.828	139	117144	47.790	ng	96
27) 2,4-Dimethylphenol	9.887	122	165176	52.699	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	266993	42.437	ng	98
29) 2,4-Dichlorophenol	10.363	162	214300	45.230	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	253216	43.587	ng	99
31) Naphthalene	10.757	128	638129	42.054	ng	100
32) Benzoic acid	10.052	122	147017	48.142	ng	95
33) 4-Chloroaniline	10.881	127	58075	10.349	ng	99
34) Hexachlorobutadiene	11.022	225	186521	43.327	ng	98
35) Caprolactam	11.693	113	63995	47.711	ng	98
36) 4-Chloro-3-methylphenol	12.010	107	231499	44.810	ng	99
37) 2-Methylnaphthalene	12.369	142	440013	41.901	ng	97
38) 1-Methylnaphthalene	12.587	142	427944	41.469	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	323797	46.887	ng	99
41) Hexachlorocyclopentadiene	12.698	237	363440	116.497	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	194309	46.467	ng	96

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44) 2,4,5-Trichlorophenol	13.057	196	212644	46.309	ng	98
46) 1,1'-Biphenyl	13.381	154	622375	43.548	ng	99
47) 2-Chloronaphthalene	13.422	162	484453	41.294	ng	99
48) 2-Nitroaniline	13.640	65	147913	45.089	ng	98
49) Acenaphthylene	14.269	152	765809	46.527	ng	99
50) Dimethylphthalate	14.016	163	613046	44.722	ng	100
51) 2,6-Dinitrotoluene	14.140	165	135901	45.124	ng	94
52) Acenaphthene	14.610	154	431974	42.286	ng	99
53) 3-Nitroaniline	14.469	138	69166	24.990	ng	96
54) 2,4-Dinitrophenol	14.687	184	171288	109.538	ng	98
55) Dibenzofuran	14.945	168	737524	44.327	ng	98
56) 4-Nitrophenol	14.792	139	201887	88.993	ng	97
57) 2,4-Dinitrotoluene	14.934	165	189775	48.085	ng	98
58) Fluorene	15.598	166	596106	44.983	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	200381	51.881	ng	95
60) Diethylphthalate	15.381	149	606903	44.512	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	335925	45.101	ng	93
62) 4-Nitroaniline	15.634	138	124055	42.761	ng	99
63) Azobenzene	15.892	77	552872	41.932	ng	96
65) 4,6-Dinitro-2-methylph...	15.698	198	110282	47.701	ng	94
66) n-Nitrosodiphenylamine	15.816	169	523555	43.116	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	226682	44.722	ng	94
68) Hexachlorobenzene	16.598	284	264924	44.757	ng	94
69) Atrazine	16.781	200	217855	54.065	ng	96
70) Pentachlorophenol	16.957	266	361674	98.118	ng	99
71) Phenanthrene	17.351	178	946145	44.341	ng	100
72) Anthracene	17.445	178	946406	44.462	ng	99
73) Carbazole	17.722	167	831970	43.025	ng	99
74) Di-n-butylphthalate	18.275	149	1016431	43.473	ng	100
75) Fluoranthene	19.322	202	1150240	44.127	ng	99
77) Benzidine	19.516	184	247742	32.808	ng	99
78) Pyrene	19.680	202	1174832	46.088	ng	98
80) Butylbenzylphthalate	20.569	149	426411	44.794	ng	93
81) Benzo(a)anthracene	21.398	228	1130834	44.478	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	329191	35.532	ng	99
83) Chrysene	21.451	228	1039462	43.063	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	602883	41.590	ng	99
85) Di-n-octyl phthalate	22.274	149	1033898	40.538	ng	99
87) Indeno(1,2,3-cd)pyrene	26.410	276	1550525	47.603	ng	97
88) Benzo(b)fluoranthene	23.110	252	1206251	44.978	ng	99
89) Benzo(k)fluoranthene	23.157	252	1093064	42.668	ng	97
90) Benzo(a)pyrene	23.745	252	1068701	44.786	ng	98
91) Dibenzo(a,h)anthracene	26.427	278	1301499	48.583	ng	98
92) Benzo(g,h,i)perylene	27.192	276	1256760	46.242	ng	98

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

