

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
 Data File : BP019587.D
 Acq On : 07 Feb 2024 11:10
 Operator : MA/JU
 Sample : PB158857BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158857BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 01:50:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	87772	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	349216	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	239195	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	504834	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	326754	20.000	ng	0.00
86) Perylene-d12	23.798	264	398939	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	697399	128.076	ng	0.00
7) Phenol-d6	7.081	99	929344	126.578	ng	0.00
23) Nitrobenzene-d5	9.081	82	624221	77.455	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	455592	130.452	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1483755	76.685	ng	-0.01
79) Terphenyl-d14	19.863	244	1951731	98.230	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	71452	34.059	ng	96
3) Pyridine	3.781	79	183398	32.244	ng	98
4) n-Nitrosodimethylamine	3.705	42	109027	44.028	ng	99
6) Aniline	7.240	93	277518	38.900	ng	97
8) 2-Chlorophenol	7.469	128	255078	45.628	ng	98
9) Benzaldehyde	7.058	77	90254m	17.533	ng	
10) Phenol	7.111	94	337685	46.146	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	235408	41.349	ng	98
12) 1,3-Dichlorobenzene	7.793	146	269373	39.379	ng	98
13) 1,4-Dichlorobenzene	7.946	146	276370	39.878	ng	99
14) 1,2-Dichlorobenzene	8.258	146	267878	39.949	ng	99
15) Benzyl Alcohol	8.158	79	269487	45.937	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	237090	41.645	ng	99
17) 2-Methylphenol	8.358	107	222818	45.228	ng	96
18) Hexachloroethane	8.981	117	104392	38.861	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	208897	41.655	ng	96
20) 3+4-Methylphenols	8.687	107	308291	45.852	ng	99
22) Acetophenone	8.740	105	404851	40.694	ng	# 98
24) Nitrobenzene	9.122	77	323022	39.809	ng	100
25) Isophorone	9.646	82	564347	40.208	ng	100
26) 2-Nitrophenol	9.828	139	133638	43.193	ng	97
27) 2,4-Dimethylphenol	9.887	122	202521	51.190	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	328195	41.328	ng	99
29) 2,4-Dichlorophenol	10.357	162	272958	45.642	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	291269	39.722	ng	99
31) Naphthalene	10.757	128	774842	40.455	ng	99
32) Benzoic acid	10.040	122	168770	43.784	ng	97
33) 4-Chloroaniline	10.881	127	115906	16.364	ng	98
34) Hexachlorobutadiene	11.034	225	211649	38.950	ng	98
35) Caprolactam	11.675	113	75955	44.863	ng	96
36) 4-Chloro-3-methylphenol	11.999	107	299178	45.879	ng	98
37) 2-Methylnaphthalene	12.369	142	566888	42.769	ng	98
38) 1-Methylnaphthalene	12.587	142	541490	41.571	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	379783	41.169	ng	98
41) Hexachlorocyclopentadiene	12.704	237	490482	117.697	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	238392	42.678	ng	97

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44) 2,4,5-Trichlorophenol	13.046	196	263637	42.982	ng	99
46) 1,1'-Biphenyl	13.381	154	782348	40.980	ng	100
47) 2-Chloronaphthalene	13.422	162	626700	39.990	ng	98
48) 2-Nitroaniline	13.634	65	191528	43.707	ng	99
49) Acenaphthylene	14.263	152	1001597	45.555	ng	100
50) Dimethylphthalate	14.016	163	779996	42.597	ng	100
51) 2,6-Dinitrotoluene	14.134	165	166265	41.328	ng	98
52) Acenaphthene	14.604	154	564606	41.375	ng	99
53) 3-Nitroaniline	14.457	138	105243	28.466	ng	96
54) 2,4-Dinitrophenol	14.663	184	197795	94.692	ng	96
55) Dibenzofuran	14.940	168	960270	43.206	ng	99
56) 4-Nitrophenol	14.769	139	260103	85.832	ng	97
57) 2,4-Dinitrotoluene	14.916	165	229672	43.565	ng	98
58) Fluorene	15.592	166	757087	42.769	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	239311	46.384	ng	99
60) Diethylphthalate	15.381	149	761264	41.797	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	428347	43.053	ng	98
62) 4-Nitroaniline	15.622	138	155056	40.011	ng	96
63) Azobenzene	15.887	77	769509	43.691	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	127108	44.156	ng	98
66) n-Nitrosodiphenylamine	15.810	169	656558	43.425	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	268175	42.493	ng	96
68) Hexachlorobenzene	16.587	284	309541	42.001	ng	98
69) Atrazine	16.769	200	237260	47.290	ng	98
70) Pentachlorophenol	16.939	266	390678	85.124	ng	99
71) Phenanthrene	17.339	178	1158645	43.611	ng	99
72) Anthracene	17.428	178	1171262	44.194	ng	100
73) Carbazole	17.704	167	966468	40.142	ng	99
74) Di-n-butylphthalate	18.269	149	1115914	38.333	ng	100
75) Fluoranthene	19.304	202	1208236	37.228	ng	100
77) Benzidine	19.492	184	299310	43.814	ng	99
78) Pyrene	19.657	202	1222450	53.010	ng	99
80) Butylbenzylphthalate	20.545	149	358926	41.678	ng	99
81) Benzo(a)anthracene	21.369	228	1009533	43.891	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	278427	33.219	ng	98
83) Chrysene	21.422	228	936398	42.880	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	460548	35.119	ng	99
85) Di-n-octyl phthalate	22.257	149	718593	31.144	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	1486734	48.686	ng	99
88) Benzo(b)fluoranthene	23.063	252	1025535	40.788	ng	99
89) Benzo(k)fluoranthene	23.110	252	961718	40.042	ng	98
90) Benzo(a)pyrene	23.692	252	964849	43.128	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	1206056	48.020	ng	99
92) Benzo(g,h,i)perylene	27.092	276	1200003	47.096	ng	99

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

