

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019698.D
 Acq On : 14 Feb 2024 13:08
 Operator : MA/JU
 Sample : PB158960BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158960BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 13:39:29 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	7.905	152	69594	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	265254	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	182986	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	438441	20.000	ng	0.00
76) Chrysene-d12	21.392	240	435425	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	495524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	548561	127.057	ng	0.00
7) Phenol-d6	7.081	99	711038	122.140	ng	0.00
23) Nitrobenzene-d5	9.075	82	485968	79.387	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	451518	168.999	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1174034	79.316	ng	-0.01
79) Terphenyl-d14	19.863	244	2392193	90.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	49762	29.915	ng	98
3) Pyridine	3.781	79	138624	30.739	ng	97
4) n-Nitrosodimethylamine	3.699	42	80008	40.749	ng	99
6) Aniline	7.240	93	208893	36.929	ng	99
8) 2-Chlorophenol	7.469	128	202474	45.678	ng	98
9) Benzaldehyde	7.052	77	35928m	8.803	ng	
10) Phenol	7.105	94	259798	44.776	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	184029	40.768	ng	98
12) 1,3-Dichlorobenzene	7.793	146	220541	40.661	ng	97
13) 1,4-Dichlorobenzene	7.940	146	226519	41.222	ng	99
14) 1,2-Dichlorobenzene	8.252	146	214096	40.268	ng	98
15) Benzyl Alcohol	8.152	79	211506	45.471	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	175987	38.987	ng	98
17) 2-Methylphenol	8.358	107	173206	44.341	ng	97
18) Hexachloroethane	8.975	117	84807	39.816	ng	94
19) n-Nitroso-di-n-propyla...	8.722	70	159646	40.149	ng	99
20) 3+4-Methylphenols	8.687	107	239559	44.936	ng	97
22) Acetophenone	8.740	105	314724	41.648	ng	# 97
24) Nitrobenzene	9.116	77	245138	39.773	ng	100
25) Isophorone	9.646	82	442510	41.507	ng	99
26) 2-Nitrophenol	9.822	139	113139	48.143	ng	97
27) 2,4-Dimethylphenol	9.887	122	156323	52.020	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	249292	41.329	ng	98
29) 2,4-Dichlorophenol	10.357	162	217468	47.873	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	235162	42.221	ng	99
31) Naphthalene	10.757	128	598931	41.169	ng	100
32) Benzoic acid	10.046	122	158076	53.991	ng	93
33) 4-Chloroaniline	10.875	127	131001	24.349	ng	99
34) Hexachlorobutadiene	11.028	225	170615	41.337	ng	99
35) Caprolactam	11.681	113	71141m	55.321	ng	
36) 4-Chloro-3-methylphenol	12.004	107	241554	48.768	ng	100
37) 2-Methylnaphthalene	12.363	142	433470	43.055	ng	98
38) 1-Methylnaphthalene	12.587	142	415690	42.015	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	305481	43.287	ng	99
41) Hexachlorocyclopentadiene	12.698	237	406555	127.525	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	207178	48.483	ng	97

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44) 2,4,5-Trichlorophenol	13.051	196	229153	48.835	ng	97
46) 1,1'-Biphenyl	13.381	154	604267	41.375	ng	98
47) 2-Chloronaphthalene	13.422	162	484361	40.401	ng	98
48) 2-Nitroaniline	13.634	65	161834	48.275	ng	99
49) Acenaphthylene	14.263	152	792293	47.105	ng	100
50) Dimethylphthalate	14.010	163	654947	46.755	ng	99
51) 2,6-Dinitrotoluene	14.134	165	145690	47.338	ng	94
52) Acenaphthene	14.604	154	444887	42.617	ng	99
53) 3-Nitroaniline	14.463	138	105806	37.409	ng	95
54) 2,4-Dinitrophenol	14.675	184	210599	131.792	ng	97
55) Dibenzofuran	14.945	168	770649	45.326	ng	99
56) 4-Nitrophenol	14.775	139	254989	109.992	ng	96
57) 2,4-Dinitrotoluene	14.922	165	212692	52.736	ng	97
58) Fluorene	15.592	166	632055	46.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	223115	56.529	ng	95
60) Diethylphthalate	15.375	149	669173	48.027	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	352988	46.376	ng	95
62) 4-Nitroaniline	15.628	138	143190	48.299	ng	97
63) Azobenzene	15.887	77	600063	44.536	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	139129	55.651	ng	96
66) n-Nitrosodiphenylamine	15.810	169	563799	42.937	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	242845	44.306	ng	96
68) Hexachlorobenzene	16.592	284	280874	43.882	ng	96
69) Atrazine	16.775	200	235837	54.125	ng	97
70) Pentachlorophenol	16.939	266	412945	103.600	ng	100
71) Phenanthrene	17.339	178	1046783	45.367	ng	98
72) Anthracene	17.433	178	1063284	46.195	ng	100
73) Carbazole	17.710	167	961497	45.982	ng	99
74) Di-n-butylphthalate	18.263	149	1160571	45.904	ng	100
75) Fluoranthene	19.304	202	1331516	47.239	ng	99
77) Benzidine	19.492	184	427711	46.984	ng	99
78) Pyrene	19.657	202	1371488	44.630	ng	100
80) Butylbenzylphthalate	20.545	149	513580	44.752	ng	99
81) Benzo(a)anthracene	21.374	228	1401167	45.714	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	433948	38.853	ng	98
83) Chrysene	21.427	228	1299999	44.673	ng	98
84) Bis(2-ethylhexyl)phtha...	21.316	149	725907	41.539	ng	99
85) Di-n-octyl phthalate	22.257	149	1249478	40.638	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1678496	44.252	ng	98
88) Benzo(b)fluoranthene	23.074	252	1412176	45.218	ng	99
89) Benzo(k)fluoranthene	23.121	252	1342442	44.999	ng	99
90) Benzo(a)pyrene	23.704	252	1278115	45.995	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1387648	44.481	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1318901	41.673	ng	98

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

