

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019695.D
 Acq On : 14 Feb 2024 11:26
 Operator : MA/JU
 Sample : PB158998BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158998BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 11:55:27 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	7.904	152	69247	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	253060	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	165831	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	387568	20.000	ng	0.00
76) Chrysene-d12	21.392	240	365525	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	427227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	566254	131.812	ng	0.00
7) Phenol-d6	7.081	99	727553	125.603	ng	0.00
23) Nitrobenzene-d5	9.075	82	492161	84.273	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	413282	170.689	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1156646	86.225	ng	-0.01
79) Terphenyl-d14	19.863	244	2070063	93.135	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	56234	33.976	ng	99
3) Pyridine	3.781	79	148049	32.993	ng	98
4) n-Nitrosodimethylamine	3.699	42	84048	43.021	ng	99
6) Aniline	7.234	93	163327	29.018	ng	100
8) 2-Chlorophenol	7.469	128	201690	45.729	ng	98
9) Benzaldehyde	7.052	77	13514m	3.328	ng	
10) Phenol	7.105	94	256816	44.484	ng	96
11) bis(2-Chloroethyl)ether	7.340	93	189784	42.254	ng	99
12) 1,3-Dichlorobenzene	7.793	146	228820	42.399	ng	95
13) 1,4-Dichlorobenzene	7.940	146	235633	43.096	ng	99
14) 1,2-Dichlorobenzene	8.252	146	224609	42.457	ng	99
15) Benzyl Alcohol	8.152	79	208723m	45.098	ng	
16) 2,2'-oxybis(1-Chloropr...	8.428	45	182341	40.597	ng	99
17) 2-Methylphenol	8.357	107	172357	44.344	ng	97
18) Hexachloroethane	8.975	117	89276	42.125	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	159553	40.326	ng	97
20) 3+4-Methylphenols	8.687	107	233829	44.081	ng	97
22) Acetophenone	8.740	105	319056	44.256	ng	# 97
24) Nitrobenzene	9.116	77	246737	41.961	ng	98
25) Isophorone	9.646	82	432476	42.521	ng	100
26) 2-Nitrophenol	9.822	139	112771	50.298	ng	97
27) 2,4-Dimethylphenol	9.887	122	151521	52.852	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	247526	43.014	ng	98
29) 2,4-Dichlorophenol	10.357	162	209148	48.260	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	238834	44.947	ng	99
31) Naphthalene	10.757	128	599339	43.182	ng	99
32) Benzoic acid	10.040	122	150459	53.866	ng	92
33) 4-Chloroaniline	10.875	127	67688	13.187	ng	96
34) Hexachlorobutadiene	11.028	225	174214	44.243	ng	96
35) Caprolactam	11.687	113	62923	51.288	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	227704	48.187	ng	99
37) 2-Methylnaphthalene	12.369	142	423721	44.114	ng	99
38) 1-Methylnaphthalene	12.587	142	398924	42.263	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	297044	46.446	ng	98
41) Hexachlorocyclopentadiene	12.698	237	389324	134.753	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	190786	49.265	ng	100

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44) 2,4,5-Trichlorophenol	13.051	196	208921	49.130	ng	98
46) 1,1'-Biphenyl	13.381	154	582648	44.022	ng	98
47) 2-Chloronaphthalene	13.422	162	465663	42.860	ng	97
48) 2-Nitroaniline	13.634	65	147070	48.410	ng	96
49) Acenaphthylene	14.263	152	743443	48.773	ng	99
50) Dimethylphthalate	14.016	163	599304	47.208	ng	99
51) 2,6-Dinitrotoluene	14.134	165	132044	47.342	ng	97
52) Acenaphthene	14.604	154	417013	44.079	ng	99
53) 3-Nitroaniline	14.463	138	89650	34.975	ng	97
54) 2,4-Dinitrophenol	14.675	184	189062	130.554	ng	96
55) Dibenzofuran	14.945	168	723124	46.930	ng	99
56) 4-Nitrophenol	14.775	139	226802	107.954	ng	96
57) 2,4-Dinitrotoluene	14.922	165	188807	51.657	ng	97
58) Fluorene	15.592	166	573072	46.696	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	198478	55.489	ng	96
60) Diethylphthalate	15.375	149	597735	47.338	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	325321	47.163	ng	95
62) 4-Nitroaniline	15.628	138	124878	46.479	ng	97
63) Azobenzene	15.886	77	544931	44.628	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	122390	55.382	ng	97
66) n-Nitrosodiphenylamine	15.810	169	508032	43.769	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	216987	44.785	ng	95
68) Hexachlorobenzene	16.586	284	254928	45.057	ng	95
69) Atrazine	16.775	200	198155	51.446	ng	95
70) Pentachlorophenol	16.939	266	360050	102.187	ng	97
71) Phenanthrene	17.339	178	925671	45.384	ng	99
72) Anthracene	17.433	178	945466	46.468	ng	100
73) Carbazole	17.710	167	844199	45.672	ng	99
74) Di-n-butylphthalate	18.263	149	1007224	45.067	ng	100
75) Fluoranthene	19.310	202	1153618	46.300	ng	98
77) Benzidine	19.498	184	278966	36.505	ng	99
78) Pyrene	19.663	202	1176495	45.606	ng	99
80) Butylbenzylphthalate	20.545	149	432415	44.885	ng	99
81) Benzo(a)anthracene	21.374	228	1202927	46.751	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	367658	39.212	ng	97
83) Chrysene	21.427	228	1106826	45.309	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	606063	41.313	ng	99
85) Di-n-octyl phthalate	22.257	149	1039101	40.259	ng	98
87) Indeno(1,2,3-cd)pyrene	26.351	276	1570745	48.031	ng	97
88) Benzo(b)fluoranthene	23.074	252	1230599	45.703	ng	99
89) Benzo(k)fluoranthene	23.121	252	1180435	45.894	ng	98
90) Benzo(a)pyrene	23.710	252	1144820	47.784	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1308995	48.668	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1247402	45.715	ng	99

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

