

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021987.D
 Acq On : 23 Sep 2024 18:11
 Operator : RC/JU
 Sample : PB163555BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163555BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 18:43:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	63250	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	243857	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	186411	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	463872	20.000	ng	-0.02
76) Chrysene-d12	21.557	240	558652	20.000	ng	0.00
86) Perylene-d12	24.845	264	716164	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	467778	138.985	ng	0.00
7) Phenol-d6	6.899	99	557963	127.703	ng	0.00
23) Nitrobenzene-d5	8.852	82	419009	90.919	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	510994	147.864	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1149609	90.025	ng	0.00
79) Terphenyl-d14	19.857	244	2771855	93.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	50764	36.324	ng	98
3) Pyridine	3.658	79	130163	34.921	ng	95
4) n-Nitrosodimethylamine	3.564	42	95783	48.714	ng	86
6) Aniline	7.046	93	158284	41.226	ng	95
8) 2-Chlorophenol	7.281	128	171717	47.714	ng	94
9) Benzaldehyde	6.863	77	29418m	12.877	ng	
10) Phenol	6.922	94	196431	45.265	ng	95
11) bis(2-Chloroethyl)ether	7.140	93	142317	43.537	ng	97
12) 1,3-Dichlorobenzene	7.605	146	204195	44.941	ng	98
13) 1,4-Dichlorobenzene	7.746	146	206339	44.779	ng	97
14) 1,2-Dichlorobenzene	8.057	146	197089	44.563	ng	98
15) Benzyl Alcohol	7.946	79	162066	48.366	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	163130	46.789	ng	98
17) 2-Methylphenol	8.152	107	137851	47.022	ng	96
18) Hexachloroethane	8.781	117	80973	47.790	ng	99
19) n-Nitroso-di-n-propyla...	8.510	70	121211	44.633	ng	92
20) 3+4-Methylphenols	8.475	107	187531	45.314	ng	97
22) Acetophenone	8.522	105	260615	43.811	ng	# 96
24) Nitrobenzene	8.893	77	208036	44.451	ng	97
25) Isophorone	9.422	82	332906	43.815	ng	99
26) 2-Nitrophenol	9.593	139	93659	45.769	ng	91
27) 2,4-Dimethylphenol	9.657	122	139337	58.805	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	198761	43.629	ng	99
29) 2,4-Dichlorophenol	10.128	162	193619	48.141	ng	97
30) 1,2,4-Trichlorobenzene	10.340	180	225061	44.925	ng	99
31) Naphthalene	10.522	128	562001	46.187	ng	99
32) Benzoic acid	9.799	122	107812	38.919	ng	98
33) 4-Chloroaniline	10.634	127	94555	21.544	ng	99
34) Hexachlorobutadiene	10.810	225	185440	47.317	ng	98
35) Caprolactam	11.404	113	49130m	41.047	ng	
36) 4-Chloro-3-methylphenol	11.751	107	195252	45.251	ng	96
37) 2-Methylnaphthalene	12.134	142	417457	46.892	ng	98
38) 1-Methylnaphthalene	12.351	142	392084	44.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	299400	45.907	ng	# 98
41) Hexachlorocyclopentadiene	12.481	237	443273	182.927	ng	98
43) 2,4,6-Trichlorophenol	12.740	196	183923	45.946	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	199503	44.428	ng	97
46) 1,1'-Biphenyl	13.145	154	579956	45.629	ng	99
47) 2-Chloronaphthalene	13.193	162	456621	44.430	ng	99
48) 2-Nitroaniline	13.387	65	135112	48.146	ng	94
49) Acenaphthylene	14.040	152	713484	49.199	ng	99
50) Dimethylphthalate	13.775	163	604450	44.708	ng	100
51) 2,6-Dinitrotoluene	13.892	165	129548	43.001	ng	93
52) Acenaphthene	14.392	154	441655	46.794	ng	99
53) 3-Nitroaniline	14.228	138	80452	29.964	ng	96
54) 2,4-Dinitrophenol	14.439	184	170267	96.460	ng	98
55) Dibenzofuran	14.734	168	761603	48.007	ng	100
56) 4-Nitrophenol	14.545	139	221937	94.965	ng	96
57) 2,4-Dinitrotoluene	14.692	165	192475	45.193	ng	90
58) Fluorene	15.392	166	630126	47.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	208130	48.024	ng	98
60) Diethylphthalate	15.157	149	636839	46.354	ng	100
61) 4-Chlorophenyl-phenyle...	15.387	204	362149	46.953	ng	98
62) 4-Nitroaniline	15.410	138	129970	44.022	ng	88
63) Azobenzene	15.686	77	580766	51.083	ng	96
65) 4,6-Dinitro-2-methylph...	15.463	198	123501	45.933	ng	97
66) n-Nitrosodiphenylamine	15.604	169	555289	48.076	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	253289	46.841	ng	99
68) Hexachlorobenzene	16.422	284	312538	46.358	ng	98
69) Atrazine	16.581	200	240871	58.205	ng	99
70) Pentachlorophenol	16.769	266	425766	93.869	ng	99
71) Phenanthrene	17.163	178	1077652	48.396	ng	99
72) Anthracene	17.257	178	1100307	51.046	ng	99
73) Carbazole	17.539	167	1006746	48.357	ng	100
74) Di-n-butylphthalate	18.139	149	1138921	46.578	ng	99
75) Fluoranthene	19.257	202	1462668	47.060	ng	99
77) Benzidine	19.457	184	542683	79.491	ng	99
78) Pyrene	19.633	202	1573561	46.562	ng	99
80) Butylbenzylphthalate	20.586	149	553199	45.895	ng	99
81) Benzo(a)anthracene	21.533	228	1746810	48.662	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	462072	35.477	ng	98
83) Chrysene	21.604	228	1648318	48.769	ng	99
84) Bis(2-ethylhexyl)phtha...	21.480	149	801075	45.282	ng	100
85) Di-n-octyl phthalate	22.739	149	1374457	45.744	ng	99
87) Indeno(1,2,3-cd)pyrene	28.580	276	2592497	54.428	ng	# 97
88) Benzo(b)fluoranthene	23.810	252	1936237	45.715	ng	99
89) Benzo(k)fluoranthene	23.880	252	1954213	48.755	ng	98
90) Benzo(a)pyrene	24.692	252	1897463	52.004	ng	99
91) Dibenzo(a,h)anthracene	28.662	278	2096492	53.330	ng	99
92) Benzo(g,h,i)perylene	29.739	276	2013562	50.003	ng	99

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

