

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008341.D
 Acq On : 10 Dec 2021 15:19
 Operator : CG/JU
 Sample : PB141239BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141239BS

Quant Time: Dec 11 03:58:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	70768	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	271837	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	166135	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	350745	20.000	ng	0.00
76) Chrysene-d12	21.292	240	384951	20.000	ng	0.00
86) Perylene-d12	23.680	264	421580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	543505	123.657	ng	0.00
7) Phenol-d6	6.958	99	714365	120.399	ng	0.00
23) Nitrobenzene-d5	8.928	82	488176	81.663	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	259278	122.100	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	898215	78.532	ng	0.00
79) Terphenyl-d14	19.757	244	1512859	82.134	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	68865	33.584	ng	97
3) Pyridine	3.664	79	179772	32.847	ng	96
4) n-Nitrosodimethylamine	3.575	42	104981	45.988	ng	# 98
6) Aniline	7.099	93	290734	41.802	ng	96
8) 2-Chlorophenol	7.334	128	199695	44.383	ng	96
9) Benzaldehyde	6.911	77	127272	38.565	ng	96
10) Phenol	6.981	94	286109	46.925	ng	95
11) bis(2-Chloroethyl)ether	7.193	93	212196	43.541	ng	98
12) 1,3-Dichlorobenzene	7.652	146	212123	40.844	ng	97
13) 1,4-Dichlorobenzene	7.799	146	217561	41.318	ng	96
14) 1,2-Dichlorobenzene	8.116	146	207244	39.576	ng	97
15) Benzyl Alcohol	8.016	79	225415	47.951	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.305	45	337925	45.955	ng	100
17) 2-Methylphenol	8.228	107	178319	44.954	ng	98
18) Hexachloroethane	8.834	117	83894	42.850	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	179139	43.633	ng	99
20) 3+4-Methylphenols	8.557	107	244094	44.587	ng	97
22) Acetophenone	8.593	105	316414	42.555	ng	96
24) Nitrobenzene	8.969	77	266300	45.935	ng	99
25) Isophorone	9.505	82	461730	44.149	ng	97
26) 2-Nitrophenol	9.681	139	106481	42.571	ng	90
27) 2,4-Dimethylphenol	9.757	122	186984	49.986	ng	97
28) bis(2-Chloroethoxy)met...	9.981	93	276117	41.425	ng	100
29) 2,4-Dichlorophenol	10.234	162	196171	43.909	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	209825	40.463	ng	97
31) Naphthalene	10.610	128	579485	41.614	ng	99
32) Benzoic acid	9.952	122	120237	39.294	ng	94
33) 4-Chloroaniline	10.740	127	169512	29.342	ng	96
34) Hexachlorobutadiene	10.899	225	145149	40.902	ng	98
35) Caprolactam	11.546	113	64629m	65.122	ng	
36) 4-Chloro-3-methylphenol	11.881	107	233724	45.763	ng	94
37) 2-Methylnaphthalene	12.228	142	394826	40.088	ng	97
38) 1-Methylnaphthalene	12.451	142	367340	38.317	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	231829	42.958	ng	99
41) Hexachlorocyclopentadiene	12.581	237	194368	93.680	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	151484	41.431	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	164608	42.014	ng	98
46) 1,1'-Biphenyl	13.251	154	492055	40.822	ng	99
47) 2-Chloronaphthalene	13.293	162	397399	41.747	ng	98
48) 2-Nitroaniline	13.510	65	162798	49.629	ng	96
49) Acenaphthylene	14.140	152	624260	42.509	ng	99
50) Dimethylphthalate	13.887	163	523590	41.970	ng	100
51) 2,6-Dinitrotoluene	14.010	165	114873	44.367	ng	96
52) Acenaphthene	14.487	154	367197	41.957	ng	99
53) 3-Nitroaniline	14.340	138	86888	33.114	ng	91
54) 2,4-Dinitrophenol	14.563	184	126421	82.583	ng	89
55) Dibenzofuran	14.822	168	610958	40.852	ng	96
56) 4-Nitrophenol	14.681	139	164196	81.642	ng	# 79
57) 2,4-Dinitrotoluene	14.810	165	163690	46.068	ng	# 86
58) Fluorene	15.475	166	495131	40.748	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.063	232	144810m	41.564	ng	
60) Diethylphthalate	15.251	149	526537	42.531	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	260030	39.015	ng	98
62) 4-Nitroaniline	15.516	138	106029	38.942	ng	91
63) Azobenzene	15.763	77	567015	44.776	ng	95
65) 4,6-Dinitro-2-methylph...	15.581	198	89110	38.843	ng	86
66) n-Nitrosodiphenylamine	15.687	169	437993	43.110	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	168290	43.149	ng	95
68) Hexachlorobenzene	16.486	284	185743	44.552	ng	99
69) Atrazine	16.657	200	176013	66.751	ng	96
70) Pentachlorophenol	16.845	266	200866	81.024	ng	98
71) Phenanthrene	17.228	178	792361	42.787	ng	99
72) Anthracene	17.322	178	814066	44.296	ng	99
73) Carbazole	17.598	167	730574	40.722	ng	99
74) Di-n-butylphthalate	18.151	149	890312	39.643	ng	99
75) Fluoranthene	19.204	202	989492	39.664	ng	100
77) Benzidine	19.392	184	556064	105.306	ng	98
78) Pyrene	19.563	202	1022187	41.986	ng	99
80) Butylbenzylphthalate	20.439	149	422975	38.586	ng	97
81) Benzo(a)anthracene	21.274	228	1043384	40.896	ng	100
82) 3,3'-Dichlorobenzidine	21.216	252	359112	29.875	ng	98
83) Chrysene	21.327	228	1023337	42.151	ng	100
84) Bis(2-ethylhexyl)phtha...	21.204	149	620023	37.253	ng	100
85) Di-n-octyl phthalate	22.121	149	1124236	39.764	ng	98
87) Indeno(1,2,3-cd)pyrene	26.168	276	1388841	45.283	ng	98
88) Benzo(b)fluoranthene	22.951	252	1124096	44.230	ng	99
89) Benzo(k)fluoranthene	23.004	252	1119709	45.002	ng	99
90) Benzo(a)pyrene	23.574	252	1121487	51.630	ng	98
91) Dibenzo(a,h)anthracene	26.180	278	1183236	46.453	ng	98
92) Benzo(g,h,i)perylene	26.933	276	1174431	45.703	ng	99

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

