

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008347.D
 Acq On : 10 Dec 2021 18:51
 Operator : CG/JU
 Sample : M4966-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P1-COMPMSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 04:00:31 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	75637	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	254570	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	143659	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	269734	20.000	ng	0.00
76) Chrysene-d12	21.286	240	243016	20.000	ng	0.00
86) Perylene-d12	23.669	264	274408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	582167	123.927	ng	0.00
7) Phenol-d6	6.952	99	648040	102.190	ng	0.00
23) Nitrobenzene-d5	8.922	82	553914	98.944	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	248667	135.424	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	992529	100.355	ng	0.00
79) Terphenyl-d14	19.751	244	1255882	108.005	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.275	88	91233	41.628	ng	Qvalue
3) Pyridine	3.681	79	125268	21.415	ng	# 33
4) n-Nitrosodimethylamine	3.581	42	116643	47.808	ng	# 96
6) Aniline	7.099	93	119571	16.085	ng	95
8) 2-Chlorophenol	7.334	128	224053	46.591	ng	98
9) Benzaldehyde	6.911	77	123312	34.493	ng	99
10) Phenol	6.981	94	265267	40.706	ng	97
11) bis(2-Chloroethyl)ether	7.193	93	252194	48.417	ng	98
12) 1,3-Dichlorobenzene	7.652	146	258550	46.579	ng	99
13) 1,4-Dichlorobenzene	7.799	146	270935	48.143	ng	97
14) 1,2-Dichlorobenzene	8.111	146	257243	45.961	ng	97
15) Benzyl Alcohol	8.016	79	241148	47.995	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.299	45	381039	48.482	ng	99
17) 2-Methylphenol	8.222	107	190676	44.975	ng	96
18) Hexachloroethane	8.834	117	102022	48.755	ng	94
19) n-Nitroso-di-n-propyla...	8.575	70	200617	45.719	ng	99
20) 3+4-Methylphenols	8.558	107	244345	41.760	ng	97
22) Acetophenone	8.593	105	362322	52.034	ng	# 97
24) Nitrobenzene	8.969	77	298603	55.001	ng	99
25) Isophorone	9.499	82	489935	50.023	ng	99
26) 2-Nitrophenol	9.675	139	120423	51.410	ng	95
27) 2,4-Dimethylphenol	9.752	122	190656	54.424	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	295830	47.393	ng	98
29) 2,4-Dichlorophenol	10.228	162	204683	48.921	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	245282	50.509	ng	98
31) Naphthalene	10.604	128	651881	49.988	ng	100
32) Benzoic acid	9.946	122	107483	37.508	ng	98
33) 4-Chloroaniline	10.746	127	63816	11.796	ng	97
34) Hexachlorobutadiene	10.893	225	173390	52.174	ng	97
35) Caprolactam	11.540	113	41508	44.662	ng	99
36) 4-Chloro-3-methylphenol	11.881	107	219703	45.935	ng	96
37) 2-Methylnaphthalene	12.222	142	458107	49.668	ng	98
38) 1-Methylnaphthalene	12.446	142	420155	46.799	ng	99
40) 1,2,4,5-Tetrachloroben...	12.599	216	269860	57.829	ng	99
41) Hexachlorocyclopentadiene	12.575	237	250971	139.886	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	161102	50.955	ng	97

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44) 2,4,5-Trichlorophenol	12.940	196	172288	50.854	ng	96
46) 1,1'-Biphenyl	13.240	154	549109	52.682	ng	99
47) 2-Chloronaphthalene	13.287	162	444942	54.055	ng	98
48) 2-Nitroaniline	13.504	65	159776	56.328	ng	98
49) Acenaphthylene	14.134	152	650682	51.240	ng	99
50) Dimethylphthalate	13.881	163	518104	48.027	ng	99
51) 2,6-Dinitrotoluene	13.998	165	114212	51.013	ng	94
52) Acenaphthene	14.475	154	392181	51.822	ng	100
53) 3-Nitroaniline	14.334	138	58651	25.850	ng	# 89
54) 2,4-Dinitrophenol	14.557	184	125094	94.501	ng	88
55) Dibenzofuran	14.816	168	625918	48.400	ng	98
56) 4-Nitrophenol	14.681	139	133770	76.919	ng	84
57) 2,4-Dinitrotoluene	14.798	165	150433	48.961	ng	# 87
58) Fluorene	15.469	166	493491	46.968	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	138136m	45.852	ng	
60) Diethylphthalate	15.245	149	495658	46.300	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	264104	45.826	ng	99
62) 4-Nitroaniline	15.504	138	87651	37.229	ng	94
63) Azobenzene	15.757	77	545678	49.833	ng	97
65) 4,6-Dinitro-2-methylph...	15.575	198	81278	46.069	ng	94
66) n-Nitrosodiphenylamine	15.681	169	416921	53.360	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	160545	53.525	ng	99
68) Hexachlorobenzene	16.481	284	178544	55.687	ng	98
69) Atrazine	16.645	200	153992	75.939	ng	98
70) Pentachlorophenol	16.839	266	178216	93.478	ng	99
71) Phenanthrene	17.222	178	740578	52.002	ng	99
72) Anthracene	17.310	178	744864	52.703	ng	99
73) Carbazole	17.592	167	636067	46.103	ng	99
74) Di-n-butylphthalate	18.145	149	765070	44.298	ng	100
75) Fluoranthene	19.198	202	835776	43.564	ng	100
77) Benzidine	19.392	184	81373	24.411	ng	97
78) Pyrene	19.551	202	855489	56.556	ng	99
80) Butylbenzylphthalate	20.433	149	334115	48.282	ng	99
81) Benzo(a)anthracene	21.269	228	786920	48.859	ng	99
82) 3,3'-Dichlorobenzidine	21.204	252	191068	25.179	ng	100
83) Chrysene	21.322	228	776080	50.637	ng	99
84) Bis(2-ethylhexyl)phtha...	21.198	149	494530	47.068	ng	98
85) Di-n-octyl phthalate	22.110	149	790611	44.296	ng	99
87) Indeno(1,2,3-cd)pyrene	26.151	276	1193743	59.796	ng	97
88) Benzo(b)fluoranthene	22.939	252	857342	51.826	ng	99
89) Benzo(k)fluoranthene	22.986	252	850080	52.489	ng	99
90) Benzo(a)pyrene	23.563	252	852848	60.321	ng	98
91) Dibenzo(a,h)anthracene	26.162	278	1017785	61.387	ng	97
92) Benzo(g,h,i)perylene	26.910	276	1052158	62.905	ng	96

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

