

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
 Data File : BP008369.D
 Acq On : 11 Dec 2021 15:37
 Operator : CG/JU
 Sample : M4966-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P1-COMPMSD

Quant Time: Dec 11 20:12:43 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 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	53615	20.000	ng	-0.01
21) Naphthalene-d8	10.546	136	182434	20.000	ng	-0.01
39) Acenaphthene-d10	14.404	164	116956	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	255371	20.000	ng	-0.01
76) Chrysene-d12	21.280	240	302528	20.000	ng	0.00
86) Perylene-d12	23.657	264	360387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	381896	114.686	ng	0.00
7) Phenol-d6	6.946	99	451060	100.343	ng	0.00
23) Nitrobenzene-d5	8.916	82	359646	89.645	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	201282	134.646	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	675033	83.836	ng	-0.01
79) Terphenyl-d14	19.745	244	1204612	83.217	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.258	88	57934	37.292	ng	# 33
3) Pyridine	3.670	79	83999	20.258	ng	99
4) n-Nitrosodimethylamine	3.570	42	78794	45.560	ng	# 98
6) Aniline	7.087	93	97418	18.488	ng	95
8) 2-Chlorophenol	7.322	128	152203	44.650	ng	96
9) Benzaldehyde	6.899	77	85341	33.558	ng	94
10) Phenol	6.975	94	186341	40.339	ng	96
11) bis(2-Chloroethyl)ether	7.181	93	161854	43.837	ng	96
12) 1,3-Dichlorobenzene	7.640	146	166938	42.428	ng	98
13) 1,4-Dichlorobenzene	7.787	146	168298	42.188	ng	96
14) 1,2-Dichlorobenzene	8.105	146	154384	38.914	ng	96
15) Benzyl Alcohol	8.005	79	159583	44.807	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	233553	41.923	ng	99
17) 2-Methylphenol	8.216	107	123894	41.226	ng	96
18) Hexachloroethane	8.822	117	61934	41.754	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	131429	42.254	ng	99
20) 3+4-Methylphenols	8.552	107	166173	40.065	ng	95
22) Acetophenone	8.581	105	237983	47.691	ng	# 96
24) Nitrobenzene	8.957	77	192338	49.436	ng	98
25) Isophorone	9.493	82	328819	46.848	ng	99
26) 2-Nitrophenol	9.669	139	77875	46.391	ng	93
27) 2,4-Dimethylphenol	9.746	122	126536	50.403	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	192583	43.051	ng	99
29) 2,4-Dichlorophenol	10.228	162	136630	45.568	ng	95
30) 1,2,4-Trichlorobenzene	10.416	180	155255	44.612	ng	98
31) Naphthalene	10.599	128	421730	45.126	ng	100
32) Benzoic acid	9.946	122	74840	36.444	ng	96
33) 4-Chloroaniline	10.734	127	35971	9.278	ng	96
34) Hexachlorobutadiene	10.881	225	104937	44.061	ng	99
35) Caprolactam	11.540	113	34580	51.920	ng	97
36) 4-Chloro-3-methylphenol	11.875	107	164547	48.007	ng	93
37) 2-Methylnaphthalene	12.216	142	301725	45.648	ng	97
38) 1-Methylnaphthalene	12.440	142	278949	43.356	ng	98
40) 1,2,4,5-Tetrachloroben...	12.593	216	178435	46.967	ng	98
41) Hexachlorocyclopentadiene	12.569	237	120947	82.805	ng	97
43) 2,4,6-Trichlorophenol	12.846	196	117263	45.557	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	127219	46.125	ng	98
46) 1,1'-Biphenyl	13.234	154	376402	44.357	ng	99
47) 2-Chloronaphthalene	13.275	162	303471	45.285	ng	97
48) 2-Nitroaniline	13.498	65	123353	53.417	ng	97
49) Acenaphthylene	14.128	152	475396	45.984	ng	100
50) Dimethylphthalate	13.875	163	393964	44.858	ng	99
51) 2,6-Dinitrotoluene	13.998	165	88798	48.718	ng	98
52) Acenaphthene	14.469	154	282976	45.929	ng	99
53) 3-Nitroaniline	14.334	138	49725	26.919	ng	93
54) 2,4-Dinitrophenol	14.557	184	102519	95.129	ng	89
55) Dibenzofuran	14.810	168	468512	44.500	ng	97
56) 4-Nitrophenol	14.681	139	112816	79.682	ng	# 78
57) 2,4-Dinitrotoluene	14.798	165	124617	49.819	ng	# 84
58) Fluorene	15.463	166	381719	44.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	109372m	44.593	ng	
60) Diethylphthalate	15.240	149	392296	45.012	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	199375	42.493	ng	99
62) 4-Nitroaniline	15.504	138	77021	40.183	ng	92
63) Azobenzene	15.751	77	417145	46.793	ng	96
65) 4,6-Dinitro-2-methylph...	15.575	198	70297	42.086	ng	97
66) n-Nitrosodiphenylamine	15.675	169	332313	44.924	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	129956	45.764	ng	97
68) Hexachlorobenzene	16.475	284	145315	47.872	ng	98
69) Atrazine	16.645	200	134847	70.238	ng	96
70) Pentachlorophenol	16.834	266	159074	88.131	ng	98
71) Phenanthrene	17.216	178	625259	46.374	ng	99
72) Anthracene	17.304	178	631047	47.161	ng	99
73) Carbazole	17.586	167	581565	44.523	ng	99
74) Di-n-butylphthalate	18.139	149	675911	41.337	ng	99
75) Fluoranthene	19.198	202	785522	43.247	ng	98
77) Benzidine	19.386	184	58192	14.023	ng	96
78) Pyrene	19.545	202	826128	43.255	ng	99
80) Butylbenzylphthalate	20.427	149	335006	38.887	ng	100
81) Benzo(a)anthracene	21.263	228	882686	44.024	ng	99
82) 3,3'-Dichlorobenzidine	21.198	252	201885	21.371	ng	98
83) Chrysene	21.316	228	870220	45.610	ng	100
84) Bis(2-ethylhexyl)phtha...	21.192	149	531349	40.624	ng	99
85) Di-n-octyl phthalate	22.104	149	882415	39.714	ng	98
87) Indeno(1,2,3-cd)pyrene	26.145	276	1327954	50.649	ng	97
88) Benzo(b)fluoranthene	22.933	252	1017861	46.850	ng	99
89) Benzo(k)fluoranthene	22.986	252	1003034	47.157	ng	99
90) Benzo(a)pyrene	23.557	252	1015694	54.700	ng	# 98
91) Dibenzo(a,h)anthracene	26.151	278	1130671	51.926	ng	98
92) Benzo(g,h,i)perylene	26.904	276	1135314	51.683	ng	96

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

