

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008212.D
 Acq On : 03 Dec 2021 19:08
 Operator : CG/JU
 Sample : M4910-17MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1-4MSD

Quant Time: Dec 06 00:00:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	86387	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	303632	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	171032	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	295438	20.000	ng	0.00
76) Chrysene-d12	21.310	240	251574	20.000	ng	0.00
86) Perylene-d12	23.704	264	351581	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	690317	128.662	ng	0.00
7) Phenol-d6	6.981	99	850961	117.490	ng	0.00
23) Nitrobenzene-d5	8.957	82	585646	87.709	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	258233	118.126	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1071504	91.000	ng	0.00
79) Terphenyl-d14	19.774	244	963039	80.003	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	104874	41.897	ng	100
3) Pyridine	3.693	79	255131	38.188	ng	99
4) n-Nitrosodimethylamine	3.605	42	137076	49.191	ng	96
6) Aniline	7.122	93	348319	41.026	ng	96
8) 2-Chlorophenol	7.363	128	271850	49.496	ng	98
9) Benzaldehyde	6.934	77	170051	42.684	ng	96
10) Phenol	7.010	94	369349	49.624	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	275111	46.245	ng	98
12) 1,3-Dichlorobenzene	7.681	146	309027	48.745	ng	99
13) 1,4-Dichlorobenzene	7.828	146	313050	48.704	ng	99
14) 1,2-Dichlorobenzene	8.146	146	300160	46.956	ng	98
15) Benzyl Alcohol	8.046	79	280016	48.796	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.328	45	399971	44.558	ng	99
17) 2-Methylphenol	8.251	107	229660	47.429	ng	97
18) Hexachloroethane	8.869	117	118604	49.626	ng	94
19) n-Nitroso-di-n-propyla...	8.610	70	215570	43.013	ng	98
20) 3+4-Methylphenols	8.587	107	304682	45.592	ng	97
22) Acetophenone	8.622	105	404090	48.655	ng	98
24) Nitrobenzene	8.998	77	326783	50.465	ng	96
25) Isophorone	9.534	82	543137	46.495	ng	99
26) 2-Nitrophenol	9.710	139	145509	52.082	ng	95
27) 2,4-Dimethylphenol	9.781	122	229146	54.842	ng	100
28) bis(2-Chloroethoxy)met...	10.010	93	329262	44.225	ng	99
29) 2,4-Dichlorophenol	10.251	162	248064	49.709	ng	100
30) 1,2,4-Trichlorobenzene	10.457	180	294325	50.815	ng	99
31) Naphthalene	10.640	128	763390	49.079	ng	99
32) Benzoic acid	9.969	122	143416	41.961	ng	96
33) 4-Chloroaniline	10.763	127	137555	21.317	ng	99
34) Hexachlorobutadiene	10.928	225	209551	52.866	ng	98
35) Caprolactam	11.575	113	64528	58.212	ng	94
36) 4-Chloro-3-methylphenol	11.904	107	252254	44.219	ng	96
37) 2-Methylnaphthalene	12.257	142	527231	47.926	ng	98
38) 1-Methylnaphthalene	12.481	142	484584	45.254	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	318128	57.261	ng	99
41) Hexachlorocyclopentadiene	12.610	237	258721	121.126	ng	99
43) 2,4,6-Trichlorophenol	12.881	196	194418	51.650	ng	98

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44) 2,4,5-Trichlorophenol	12.963	196	199702	49.512	ng	97
46) 1,1'-Biphenyl	13.275	154	633392	51.043	ng	98
47) 2-Chloronaphthalene	13.316	162	511825	52.229	ng	99
48) 2-Nitroaniline	13.528	65	164279	48.647	ng	95
49) Acenaphthylene	14.163	152	751511	49.709	ng	100
50) Dimethylphthalate	13.910	163	582047	45.320	ng	99
51) 2,6-Dinitrotoluene	14.028	165	126704	47.535	ng	98
52) Acenaphthene	14.510	154	444063	49.287	ng	99
53) 3-Nitroaniline	14.357	138	70276	26.016	ng	98
54) 2,4-Dinitrophenol	14.581	184	125138	79.404	ng	96
55) Dibenzofuran	14.845	168	714487	46.406	ng	98
56) 4-Nitrophenol	14.692	139	161271	77.891	ng	88
57) 2,4-Dinitrotoluene	14.822	165	164797	45.052	ng	99
58) Fluorene	15.498	166	542198	43.344	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.080	232	157474m	43.905	ng	
60) Diethylphthalate	15.275	149	545550	42.805	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	297394	43.344	ng	99
62) 4-Nitroaniline	15.528	138	106031	37.828	ng	90
63) Azobenzene	15.786	77	556043	42.652	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	83312	43.114	ng	93
66) n-Nitrosodiphenylamine	15.710	169	457865	53.502	ng	98
67) 4-Bromophenyl-phenylether	16.386	248	184554	56.177	ng	97
68) Hexachlorobenzene	16.510	284	198828	56.619	ng	98
69) Atrazine	16.674	200	163944	73.813	ng	96
70) Pentachlorophenol	16.863	266	198072	94.854	ng	99
71) Phenanthrene	17.245	178	763684	48.959	ng	100
72) Anthracene	17.339	178	776373	50.153	ng	100
73) Carbazole	17.616	167	631207	41.770	ng	99
74) Di-n-butylphthalate	18.169	149	765068	40.444	ng	99
75) Fluoranthene	19.221	202	787511	37.477	ng	99
77) Benzidine	19.404	184	423771	122.800	ng	99
78) Pyrene	19.574	202	800962	50.887	ng	100
80) Butylbenzylphthalate	20.451	149	297327	41.504	ng	98
81) Benzo(a)anthracene	21.292	228	775714	46.525	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	286726	36.499	ng	98
83) Chrysene	21.345	228	774549	48.818	ng	100
84) Bis(2-ethylhexyl)phtha...	21.221	149	410798	37.768	ng	# 98
85) Di-n-octyl phthalate	22.139	149	752622	40.733	ng	99
87) Indeno(1,2,3-cd)pyrene	26.203	276	1491500	58.312	ng	96
88) Benzo(b)fluoranthene	22.974	252	1022121	48.224	ng	99
89) Benzo(k)fluoranthene	23.021	252	979309	47.195	ng	98
90) Benzo(a)pyrene	23.598	252	1066030	58.848	ng	# 98
91) Dibenzo(a,h)anthracene	26.221	278	1269193	59.748	ng	97
92) Benzo(g,h,i)perylene	26.974	276	1283295	59.883	ng	96

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

