

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008291.D
 Acq On : 08 Dec 2021 22:05
 Operator : CG/JU
 Sample : M4959-16MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5DMSD

Quant Time: Dec 09 01:48:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	82010	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	298092	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	170495	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	309546	20.000	ng	0.00
76) Chrysene-d12	21.298	240	276231	20.000	ng	0.00
86) Perylene-d12	23.686	264	309985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	619140	121.555	ng	0.00
7) Phenol-d6	6.963	99	773233	112.456	ng	0.00
23) Nitrobenzene-d5	8.934	82	537926	82.059	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	241718	110.920	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	993733	84.661	ng	0.00
79) Terphenyl-d14	19.763	244	1132502	85.683	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	106895	44.984	ng	98
3) Pyridine	3.675	79	258894	40.820	ng	99
4) n-Nitrosodimethylamine	3.581	42	134758	50.940	ng	99
6) Aniline	7.105	93	198443	24.621	ng	97
8) 2-Chlorophenol	7.340	128	253835	48.683	ng	98
9) Benzaldehyde	6.916	77	158694	41.875	ng	98
10) Phenol	6.987	94	343405	48.601	ng	95
11) bis(2-Chloroethyl)ether	7.199	93	266312	47.155	ng	98
12) 1,3-Dichlorobenzene	7.658	146	288505	47.937	ng	99
13) 1,4-Dichlorobenzene	7.805	146	291585	47.786	ng	96
14) 1,2-Dichlorobenzene	8.122	146	279290	46.023	ng	97
15) Benzyl Alcohol	8.022	79	271588	49.853	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.310	45	403699	47.374	ng	99
17) 2-Methylphenol	8.234	107	217233	47.257	ng	98
18) Hexachloroethane	8.846	117	112694	49.670	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	213056	44.781	ng	97
20) 3+4-Methylphenols	8.563	107	284316	44.815	ng	99
22) Acetophenone	8.599	105	387463	47.520	ng	97
24) Nitrobenzene	8.975	77	317466	49.938	ng	99
25) Isophorone	9.510	82	532270	46.411	ng	99
26) 2-Nitrophenol	9.687	139	134607	49.075	ng	97
27) 2,4-Dimethylphenol	9.763	122	217033	52.908	ng	97
28) bis(2-Chloroethoxy)met...	9.987	93	328228	44.906	ng	99
29) 2,4-Dichlorophenol	10.234	162	231068	47.164	ng	98
30) 1,2,4-Trichlorobenzene	10.434	180	271621	47.767	ng	99
31) Naphthalene	10.616	128	715153	46.833	ng	99
32) Benzoic acid	9.957	122	137061	40.847	ng	100
33) 4-Chloroaniline	10.746	127	52501	8.287	ng	96
34) Hexachlorobutadiene	10.904	225	193298	49.672	ng	97
35) Caprolactam	11.551	113	61877	56.858	ng	97
36) 4-Chloro-3-methylphenol	11.887	107	245794	43.887	ng	94
37) 2-Methylnaphthalene	12.240	142	503332	46.604	ng	99
38) 1-Methylnaphthalene	12.457	142	460323	43.787	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	298196	53.843	ng	99
41) Hexachlorocyclopentadiene	12.587	237	261061	122.607	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	178466	47.562	ng	97

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44) 2,4,5-Trichlorophenol	12.945	196	185023	46.017	ng	98
46) 1,1'-Biphenyl	13.251	154	606283	49.012	ng	98
47) 2-Chloronaphthalene	13.298	162	489831	50.142	ng	98
48) 2-Nitroaniline	13.510	65	161808	48.066	ng	98
49) Acenaphthylene	14.145	152	729394	48.398	ng	99
50) Dimethylphthalate	13.893	163	576274	45.011	ng	100
51) 2,6-Dinitrotoluene	14.010	165	125371	47.183	ng	98
52) Acenaphthene	14.487	154	423223	47.122	ng	99
53) 3-Nitroaniline	14.345	138	36964	13.727	ng	88
54) 2,4-Dinitrophenol	14.569	184	125926	80.156	ng	90
55) Dibenzofuran	14.828	168	676606	44.084	ng	98
56) 4-Nitrophenol	14.681	139	155507	75.344	ng	86
57) 2,4-Dinitrotoluene	14.810	165	161676	44.338	ng	93
58) Fluorene	15.481	166	528902	42.415	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	147570m	41.273	ng	
60) Diethylphthalate	15.257	149	543436	42.773	ng	100
61) 4-Chlorophenyl-phenyle...	15.475	204	285815	41.787	ng	99
62) 4-Nitroaniline	15.516	138	99557	35.630	ng	97
63) Azobenzene	15.769	77	584519	44.978	ng	98
65) 4,6-Dinitro-2-methylph...	15.587	198	86433	42.690	ng	99
66) n-Nitrosodiphenylamine	15.692	169	449874	50.172	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	177744	51.638	ng	98
68) Hexachlorobenzene	16.492	284	195193	53.050	ng	98
69) Atrazine	16.657	200	171924	73.878	ng	97
70) Pentachlorophenol	16.845	266	192844	88.141	ng	98
71) Phenanthrene	17.233	178	783726	47.954	ng	99
72) Anthracene	17.322	178	799709	49.306	ng	100
73) Carbazole	17.598	167	673786	42.556	ng	100
74) Di-n-butylphthalate	18.157	149	851470	42.960	ng	100
75) Fluoranthene	19.210	202	881180	40.023	ng	99
77) Benzidine	19.398	184	406848	107.373	ng	98
78) Pyrene	19.563	202	895041	51.837	ng	99
80) Butylbenzylphthalate	20.445	149	358166	45.534	ng	98
81) Benzo(a)anthracene	21.280	228	841152	45.946	ng	99
82) 3,3'-Dichlorobenzidine	21.216	252	174409	20.220	ng	99
83) Chrysene	21.333	228	822259	47.199	ng	99
84) Bis(2-ethylhexyl)phtha...	21.210	149	516521	43.249	ng	100
85) Di-n-octyl phthalate	22.127	149	882484	43.498	ng	100
87) Indeno(1,2,3-cd)pyrene	26.180	276	1199644	53.195	ng	98
88) Benzo(b)fluoranthene	22.957	252	882243	47.210	ng	100
89) Benzo(k)fluoranthene	23.004	252	875264	47.841	ng	99
90) Benzo(a)pyrene	23.580	252	887099	55.542	ng	98
91) Dibenzo(a,h)anthracene	26.192	278	1016661	54.282	ng	97
92) Benzo(g,h,i)perylene	26.939	276	1047129	55.419	ng	97

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

