

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
 Data File : BP004514.D
 Acq On : 12 Jan 2021 20:29
 Operator : CG/JU
 Sample : M1058-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB-2021-WS-000-05MSD

Manual Integrations
 APPROVED

mohammad
 1/13/2021 3:14:58 PM

Quant Time: Jan 12 23:31:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	214460	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	808922	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	520725	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1171532	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1280369	20.00	ng	0.00
86) Perylene-d12	23.669	264	1390821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1543021	125.40	ng	0.00
7) Phenol-d6	6.987	99	1828532	108.50	ng	0.00
23) Nitrobenzene-d5	8.969	82	1116711	78.05	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1140718	126.00	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3084714	77.01	ng	0.00
79) Terphenyl-d14	19.792	244	5054752	72.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	176312	35.45	ng	# 42
3) Pyridine	3.734	79	464606	34.86	ng	96
4) n-Nitrosodimethylamine	3.640	42	177228	42.06	ng	87
6) Aniline	7.140	93	271680	14.17	ng	94
8) 2-Chlorophenol	7.381	128	634094	45.38	ng	95
9) Benzaldehyde	6.952	77	88094	9.58	ng	89
10) Phenol	7.011	94	745684	46.15	ng	94
11) bis(2-Chloroethyl)ether	7.240	93	547060	42.30	ng	97
12) 1,3-Dichlorobenzene	7.705	146	681450	39.44	ng	98
13) 1,4-Dichlorobenzene	7.846	146	694424	39.73	ng	99
14) 1,2-Dichlorobenzene	8.163	146	668851	40.07	ng	99
15) Benzyl Alcohol	8.052	79	488321	44.72	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.340	45	524537	38.25	ng	94
17) 2-Methylphenol	8.258	107	502721	44.09	ng	98
18) Hexachloroethane	8.887	117	231211	38.28	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	378573	40.05	ng	93
20) 3+4-Methylphenols	8.587	107	677966	43.58	ng	98
22) Acetophenone	8.634	105	837754	41.96	ng	# 96
24) Nitrobenzene	9.010	77	593130	42.37	ng	91
25) Isophorone	9.534	82	1107738	42.93	ng	95
26) 2-Nitrophenol	9.722	139	344392	44.63	ng	# 93
27) 2,4-Dimethylphenol	9.787	122	554162	51.85	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	707300	39.95	ng	99
29) 2,4-Dichlorophenol	10.263	162	640242	45.11	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	682550	39.97	ng	96
31) Naphthalene	10.657	128	1865556	41.99	ng	100
32) Benzoic acid	9.940	122	333793	39.44	ng	92
33) 4-Chloroaniline	10.775	127	59979	3.13	ng	97
34) Hexachlorobutadiene	10.946	225	442616	38.57	ng	98
35) Caprolactam	11.546	113	158018m	34.87	ng	
36) 4-Chloro-3-methylphenol	11.904	107	607012	44.91	ng	98
37) 2-Methylnaphthalene	12.275	142	1376895	42.15	ng	99
38) 1-Methylnaphthalene	12.493	142	1285947	41.47	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	800834	42.81	ng	98
41) Hexachlorocyclopentadiene	12.622	237	751036	72.66	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	539145	44.28	ng	99

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44) 2,4,5-Trichlorophenol	12.969	196	576228	45.54	ng	97
46) 1,1'-Biphenyl	13.293	154	1782943	42.83	ng	99
47) 2-Chloronaphthalene	13.334	162	1410640	40.94	ng	98
48) 2-Nitroaniline	13.540	65	319124	40.05	ng	85
49) Acenaphthylene	14.187	152	2210083	42.94	ng	100
50) Dimethylphthalate	13.922	163	1858430	43.07	ng	99
51) 2,6-Dinitrotoluene	14.040	165	412389	44.83	ng	96
52) Acenaphthene	14.528	154	1322696	42.16	ng	100
53) 3-Nitroaniline	14.369	138	76960	7.69	ng	90
54) 2,4-Dinitrophenol	14.593	184	415351	67.05	ng	96
55) Dibenzofuran	14.863	168	2208479	43.47	ng	98
56) 4-Nitrophenol	14.693	139	654188	94.12	ng	93
57) 2,4-Dinitrotoluene	14.840	165	572303	45.51	ng	96
58) Fluorene	15.516	166	1768267	43.59	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	553649	46.62	ng	89
60) Diethylphthalate	15.293	149	1796832	42.58	ng	97
61) 4-Chlorophenyl-phenyle...	15.510	204	967755	42.22	ng	92
62) 4-Nitroaniline	15.540	138	348901	32.99	ng	95
63) Azobenzene	15.804	77	1364143	42.69	ng	96
65) 4,6-Dinitro-2-methylph...	15.610	198	320093	46.91	ng	95
66) n-Nitrosodiphenylamine	15.728	169	1575716	43.39	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	658572	42.06	ng	93
68) Hexachlorobenzene	16.534	284	783521	41.89	ng	93
69) Atrazine	16.687	200	522961	40.94	ng	97
70) Pentachlorophenol	16.881	266	864295	102.98	ng	93
71) Phenanthrene	17.269	178	2918546	43.45	ng	100
72) Anthracene	17.357	178	2948626	45.30	ng	100
73) Carbazole	17.634	167	2691635	44.37	ng	99
74) Di-n-butylphthalate	18.181	149	3078181	41.99	ng	99
75) Fluoranthene	19.239	202	3634398	44.47	ng	100
77) Benzidine	19.416	184	837068	24.99	ng	99
78) Pyrene	19.592	202	3706136	42.54	ng	100
80) Butylbenzylphthalate	20.463	149	1430375	40.59	ng	94
81) Benzo(a)anthracene	21.304	228	3679934	42.25	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	476938	15.19	ng	98
83) Chrysene	21.357	228	3569618	43.06	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	2110995	41.95	ng	# 97
85) Di-n-octyl phthalate	22.133	149	3609958	42.25	ng	# 97
87) Indeno(1,2,3-cd)pyrene	26.104	276	4953143	46.15	ng	95
88) Benzo(b)fluoranthene	22.963	252	4078916	45.31	ng	98
89) Benzo(k)fluoranthene	23.010	252	4002101m	46.62	ng	
90) Benzo(a)pyrene	23.569	252	3689425	43.94	ng	98
91) Dibenzo(a,h)anthracene	26.115	278	4154210	46.91	ng	# 96
92) Benzo(g,h,i)perylene	26.845	276	4177670	47.90	ng	# 95

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

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