

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
 Data File : BP003802.D
 Acq On : 04 Nov 2020 11:47
 Operator : CG/JU
 Sample : PB132782BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132782BSD

Manual Integrations
 APPROVED

mohammad
 11/6/2020 10:31:02 AM

Quant Time: Nov 05 14:53:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 14:31:45 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	184025	20.00	ng	0.00
21) Naphthalene-d8	11.128	136	696606	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	412573	20.00	ng	0.00
64) Phenanthrene-d10	17.634	188	821696	20.00	ng	# 0.00
76) Chrysene-d12	21.651	240	723197	20.00	ng	0.00
86) Perylene-d12	24.116	264	705249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	1494636	135.55	ng	0.00
7) Phenol-d6	7.463	99	1885912	119.15	ng	0.00
23) Nitrobenzene-d5	9.457	82	1215324m	85.44	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	669826	129.80	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	2461674	83.42	ng	0.00
79) Terphenyl-d14	20.128	244	3143548	83.98	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	157518	33.11	ng	# 64
3) Pyridine	3.946	79	481731	34.53	ng	# 65
4) n-Nitrosodimethylamine	3.840	42	263241	40.98	ng	# 56
6) Aniline	7.599	93	595280	33.12	ng	# 84
8) 2-Chlorophenol	7.863	128	526839	45.00	ng	# 82
9) Benzaldehyde	7.393	77	132343	15.27	ng	# 78
10) Phenol	7.487	94	672458	44.03	ng	84
11) bis(2-Chloroethyl)ether	7.687	93	522158	42.53	ng	# 81
12) 1,3-Dichlorobenzene	8.193	146	584334	40.73	ng	# 94
13) 1,4-Dichlorobenzene	8.334	146	595883	41.20	ng	96
14) 1,2-Dichlorobenzene	8.663	146	566878	41.03	ng	96
15) Benzyl Alcohol	8.528	79	478250	43.62	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.828	45	799129	38.65	ng	82
17) 2-Methylphenol	8.752	107	439127	43.79	ng	# 94
18) Hexachloroethane	9.410	117	213489	41.53	ng	97
19) n-Nitroso-di-n-propyla...	9.099	70	395728	41.83	ng	# 76
20) 3+4-Methylphenols	9.081	107	586397	43.81	ng	94
22) Acetophenone	9.116	105	773587	41.37	ng	# 86
24) Nitrobenzene	9.499	77	595318	42.12	ng	# 80
25) Isophorone	10.028	82	1044685	43.24	ng	# 91
26) 2-Nitrophenol	10.228	139	264491	47.92	ng	# 74
27) 2,4-Dimethylphenol	10.293	122	465490	50.56	ng	92
28) bis(2-Chloroethoxy)met...	10.499	93	658827	39.74	ng	97
29) 2,4-Dichlorophenol	10.775	162	490082	44.18	ng	95
30) 1,2,4-Trichlorobenzene	10.999	180	540636	40.00	ng	98
31) Naphthalene	11.181	128	1544234	41.31	ng	100
32) Benzoic acid	10.446	122	240394	39.06	ng	# 73
33) 4-Chloroaniline	11.263	127	350749	22.08	ng	# 90
34) Hexachlorobutadiene	11.493	225	345002	39.14	ng	99
35) Caprolactam	12.004	113	143513	41.84	ng	# 25
36) 4-Chloro-3-methylphenol	12.387	107	511150	42.68	ng	88
37) 2-Methylnaphthalene	12.763	142	1100605	41.14	ng	97
38) 1-Methylnaphthalene	12.981	142	1016640	39.84	ng	99
40) 1,2,4,5-Tetrachloroben...	13.140	216	590795	43.27	ng	# 98
41) Hexachlorocyclopentadiene	13.134	237	807058	117.16	ng	99
43) 2,4,6-Trichlorophenol	13.363	196	378213	44.81	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	407395	45.84	ng	97
46) 1,1'-Biphenyl	13.745	154	1355285	42.32	ng	97
47) 2-Chloronaphthalene	13.793	162	1064409	40.51	ng	99
48) 2-Nitroaniline	13.975	65	327404	41.76	ng #	60
49) Acenaphthylene	14.634	152	1627206	42.17	ng	100
50) Dimethylphthalate	14.340	163	1303817	40.43	ng	100
51) 2,6-Dinitrotoluene	14.451	165	291171	44.00	ng #	71
52) Acenaphthene	14.975	154	1150278	44.75	ng	91
53) 3-Nitroaniline	14.781	138	201892	27.56	ng #	72
54) 2,4-Dinitrophenol	14.987	184	283514	77.48	ng #	1
55) Dibenzofuran	15.304	168	1574900	41.24	ng	100
56) 4-Nitrophenol	15.104	139	473500	89.69	ng #	65
57) 2,4-Dinitrotoluene	15.240	165	392694	44.20	ng #	74
58) Fluorene	15.945	166	1261990	41.27	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.534	232	349041	43.57	ng	98
60) Diethylphthalate	15.692	149	1278846	40.50	ng	99
61) 4-Chlorophenyl-phenyle...	15.928	204	672929	40.27	ng	97
62) 4-Nitroaniline	15.940	138	281918	36.92	ng	84
63) Azobenzene	16.216	77	1234315	41.40	ng	84
65) 4,6-Dinitro-2-methylph...	16.010	198	207834	47.11	ng #	80
66) n-Nitrosodiphenylamine	16.134	169	1110523	44.15	ng	98
67) 4-Bromophenyl-phenylether	16.816	248	408841	42.52	ng	98
68) Hexachlorobenzene	16.975	284	455581	41.53	ng	97
69) Atrazine	17.063	200	328492	39.78	ng	98
70) Pentachlorophenol	17.304	266	524125	99.88	ng	99
71) Phenanthrene	17.675	178	1932882	41.91	ng	99
72) Anthracene	17.763	178	1976093	44.37	ng	99
73) Carbazole	18.016	167	1752477	42.41	ng	98
74) Di-n-butylphthalate	18.533	149	2071218	43.30	ng	99
75) Fluoranthene	19.604	202	2206958	41.48	ng	99
77) Benzidine	19.751	184	811228	47.56	ng	100
78) Pyrene	19.951	202	2258362	46.02	ng	99
80) Butylbenzylphthalate	20.769	149	848826	46.42	ng #	82
81) Benzo(a)anthracene	21.633	228	2045933	42.90	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	462807	28.13	ng	100
83) Chrysene	21.692	228	1981093	43.23	ng	98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1255268	46.57	ng	99
85) Di-n-octyl phthalate	22.445	149	2073570	46.17	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.662	276	2094751	41.17	ng	99
88) Benzo(b)fluoranthene	23.369	252	2036972	44.14	ng	100
89) Benzo(k)fluoranthene	23.416	252	1877685	41.20	ng	99
90) Benzo(a)pyrene	24.010	252	1751772	41.00	ng	98
91) Dibenzo(a,h)anthracene	26.657	278	1785880	42.11	ng	99
92) Benzo(g,h,i)perylene	27.445	276	1752710	42.70	ng	98

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

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Abundance

TIC: BP003802.D\data.ms

Time-->