

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003897.D
 Acq On : 10 Nov 2020 12:04
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/11/2020 10:32:37 AM

Quant Time: Nov 10 13:42:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	137937	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	523349	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	335013	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	706609	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	661757	20.00	ng	0.00
86) Perylene-d12	24.127	264	708955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	618509	74.84	ng	0.00
7) Phenol-d6	7.452	99	871500	73.46	ng	0.00
23) Nitrobenzene-d5	9.440	82	785298	73.49	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	349109	83.32	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1777732	74.19	ng	0.00
79) Terphenyl-d14	20.128	244	2675218	78.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	121267	34.01	ng	# 62
3) Pyridine	3.928	79	362838	34.70	ng	# 59
4) n-Nitrosodimethylamine	3.828	42	173690	36.08	ng	# 55
6) Aniline	7.581	93	492634	36.57	ng	# 84
8) 2-Chlorophenol	7.852	128	330279	37.64	ng	# 81
9) Benzaldehyde	7.381	77	201832	37.20	ng	# 79
10) Phenol	7.475	94	417174	36.44	ng	82
11) bis(2-Chloroethyl)ether	7.669	93	330864	35.96	ng	# 80
12) 1,3-Dichlorobenzene	8.175	146	399352	37.14	ng	# 95
13) 1,4-Dichlorobenzene	8.316	146	402140	37.09	ng	96
14) 1,2-Dichlorobenzene	8.646	146	385815	37.26	ng	96
15) Benzyl Alcohol	8.511	79	320915	39.05	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.805	45	528252	34.09	ng	81
17) 2-Methylphenol	8.740	107	281157	37.40	ng	# 93
18) Hexachloroethane	9.393	117	151910	39.43	ng	98
19) n-Nitroso-di-n-propyla...	9.081	70	266963	37.65	ng	# 76
20) 3+4-Methylphenols	9.069	107	378318	37.70	ng	93
22) Acetophenone	9.099	105	519953	37.01	ng	# 85
24) Nitrobenzene	9.487	77	397855	37.46	ng	# 82
25) Isophorone	10.010	82	691874	38.12	ng	# 91
26) 2-Nitrophenol	10.210	139	183292	44.20	ng	# 73
27) 2,4-Dimethylphenol	10.275	122	263821	38.14	ng	91
28) bis(2-Chloroethoxy)met...	10.481	93	451142	36.22	ng	98
29) 2,4-Dichlorophenol	10.763	162	332188	39.86	ng	95
30) 1,2,4-Trichlorobenzene	10.981	180	387598	38.17	ng	99
31) Naphthalene	11.163	128	1031979	36.75	ng	100
32) Benzoic acid	10.428	122	162366	35.96	ng	# 78
33) 4-Chloroaniline	11.252	127	448891	37.61	ng	# 89
34) Hexachlorobutadiene	11.475	225	259192	39.14	ng	99
35) Caprolactam	11.987	113	107452	41.69	ng	# 22
36) 4-Chloro-3-methylphenol	12.375	107	348050	38.68	ng	89
37) 2-Methylnaphthalene	12.746	142	745339	37.09	ng	98
38) 1-Methylnaphthalene	12.963	142	703980	36.72	ng	99
40) 1,2,4,5-Tetrachloroben...	13.122	216	417215	37.63	ng	99
41) Hexachlorocyclopentadiene	13.116	237	203276	36.34	ng	99
43) 2,4,6-Trichlorophenol	13.351	196	277573	40.50	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.428	196	280935	38.93	ng	#	96
46) 1,1'-Biphenyl	13.734	154	953167	36.65	ng		98
47) 2-Chloronaphthalene	13.781	162	779313	36.52	ng		99
48) 2-Nitroaniline	13.963	65	259204	40.71	ng	#	60
49) Acenaphthylene	14.622	152	1163479	37.13	ng		100
50) Dimethylphthalate	14.328	163	974942	37.23	ng		100
51) 2,6-Dinitrotoluene	14.445	165	210474	39.17	ng	#	78
52) Acenaphthene	14.963	154	778519	37.30	ng		95
53) 3-Nitroaniline	14.775	138	233909	39.33	ng	#	74
54) 2,4-Dinitrophenol	14.987	184	91760	39.75	ng	#	51
55) Dibenzofuran	15.293	168	1133681	36.56	ng		99
56) 4-Nitrophenol	15.098	139	171329	39.97	ng	#	63
57) 2,4-Dinitrotoluene	15.234	165	293690	40.71	ng	#	76
58) Fluorene	15.940	166	913090	36.77	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	254353	39.10	ng		97
60) Diethylphthalate	15.681	149	970556	37.85	ng		99
61) 4-Chlorophenyl-phenyle...	15.916	204	507351	37.39	ng		97
62) 4-Nitroaniline	15.934	138	251687	40.59	ng		85
63) Azobenzene	16.210	77	868205	35.86	ng		86
65) 4,6-Dinitro-2-methylph...	16.010	198	139646	38.20	ng		85
66) n-Nitrosodiphenylamine	16.128	169	807112	37.31	ng		97
67) 4-Bromophenyl-phenylether	16.810	248	318344	38.50	ng		99
68) Hexachlorobenzene	16.969	284	361390	38.31	ng		97
69) Atrazine	17.057	200	282254	39.75	ng		97
70) Pentachlorophenol	17.298	266	162745	36.06	ng		99
71) Phenanthrene	17.675	178	1452148	36.62	ng		99
72) Anthracene	17.763	178	1422321	37.14	ng		99
73) Carbazole	18.010	167	1329942	37.43	ng		99
74) Di-n-butylphthalate	18.528	149	1662217	40.41	ng		99
75) Fluoranthene	19.604	202	1701324	37.18	ng		100
77) Benzidine	19.751	184	705525	45.20	ng		100
78) Pyrene	19.951	202	1740234	38.75	ng		98
80) Butylbenzylphthalate	20.769	149	749900	44.81	ng	#	84
81) Benzo(a)anthracene	21.645	228	1640104	37.58	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	612488	40.69	ng		97
83) Chrysene	21.698	228	1573557	37.53	ng		98
84) Bis(2-ethylhexyl)phtha...	21.522	149	1046942	42.45	ng		100
85) Di-n-octyl phthalate	22.451	149	1797001	43.73	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	1841576	36.01	ng		97
88) Benzo(b)fluoranthene	23.380	252	1689213	36.41	ng		99
89) Benzo(k)fluoranthene	23.427	252	1547288m	33.78	ng		
90) Benzo(a)pyrene	24.021	252	1537362	35.80	ng		99
91) Dibenzo(a,h)anthracene	26.686	278	1538005	36.08	ng		97
92) Benzo(g,h,i)perylene	27.474	276	1498510	36.31	ng		97

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

