

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003860.D
 Acq On : 09 Nov 2020 10:30
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/10/2020 12:00:13 PM

Quant Time: Nov 09 11:52:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	163977	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	597879	20.00	ng	# 0.00
39) Acenaphthene-d10	14.922	164	364201	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	760130	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	722016	20.00	ng	0.00
86) Perylene-d12	24.145	264	758181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	742684	75.59	ng	0.00
7) Phenol-d6	7.469	99	1009754	71.59	ng	0.00
23) Nitrobenzene-d5	9.469	82	918793m	75.26	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	367304	80.63	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	1949225	74.82	ng	0.00
79) Terphenyl-d14	20.139	244	2861419	76.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	153282	36.16	ng	# 62
3) Pyridine	3.946	79	437531	35.19	ng	# 62
4) n-Nitrosodimethylamine	3.846	42	205752	35.95	ng	# 54
6) Aniline	7.605	93	574656	35.88	ng	# 85
8) 2-Chlorophenol	7.869	128	391760	37.56	ng	# 81
9) Benzaldehyde	7.405	77	240690	37.35	ng	# 79
10) Phenol	7.493	94	482689	35.47	ng	81
11) bis(2-Chloroethyl)ether	7.693	93	386051	35.29	ng	# 81
12) 1,3-Dichlorobenzene	8.199	146	475808	37.22	ng	# 94
13) 1,4-Dichlorobenzene	8.340	146	478501	37.13	ng	95
14) 1,2-Dichlorobenzene	8.669	146	452780	36.78	ng	97
15) Benzyl Alcohol	8.534	79	358529	36.70	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.834	45	615650	33.42	ng	83
17) 2-Methylphenol	8.757	107	322458	36.09	ng	# 94
18) Hexachloroethane	9.416	117	177278	38.70	ng	98
19) n-Nitroso-di-n-propyla...	9.104	70	303289	35.98	ng	# 77
20) 3+4-Methylphenols	9.087	107	432085	36.22	ng	95
22) Acetophenone	9.122	105	585626	36.49	ng	# 86
24) Nitrobenzene	9.510	77	446150	36.78	ng	# 81
25) Isophorone	10.034	82	767725	37.02	ng	# 90
26) 2-Nitrophenol	10.234	139	201224	42.48	ng	# 74
27) 2,4-Dimethylphenol	10.299	122	296220	37.49	ng	91
28) bis(2-Chloroethoxy)met...	10.504	93	508302	35.72	ng	98
29) 2,4-Dichlorophenol	10.787	162	367445	38.59	ng	95
30) 1,2,4-Trichlorobenzene	11.004	180	441517	38.06	ng	99
31) Naphthalene	11.187	128	1171947	36.53	ng	99
32) Benzoic acid	10.446	122	174647	34.34	ng	# 77
33) 4-Chloroaniline	11.275	127	496302	36.40	ng	# 90
34) Hexachlorobutadiene	11.498	225	295097	39.00	ng	99
35) Caprolactam	12.004	113	113809	38.66	ng	# 15
36) 4-Chloro-3-methylphenol	12.398	107	376904	36.67	ng	91
37) 2-Methylnaphthalene	12.769	142	836724	36.44	ng	97
38) 1-Methylnaphthalene	12.987	142	784201	35.81	ng	97
40) 1,2,4,5-Tetrachloroben...	13.145	216	462147	38.34	ng	99
41) Hexachlorocyclopentadiene	13.140	237	232460	38.23	ng	99
43) 2,4,6-Trichlorophenol	13.369	196	295262	39.63	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.445	196	306184	39.03	ng	#	97
46) 1,1'-Biphenyl	13.751	154	1040601	36.81	ng		98
47) 2-Chloronaphthalene	13.804	162	862985	37.20	ng		99
48) 2-Nitroaniline	13.981	65	275967	39.87	ng	#	61
49) Acenaphthylene	14.640	152	1274653	37.42	ng		99
50) Dimethylphthalate	14.345	163	1053141	36.99	ng		100
51) 2,6-Dinitrotoluene	14.463	165	225729	38.64	ng	#	76
52) Acenaphthene	14.981	154	838350	36.95	ng		96
53) 3-Nitroaniline	14.792	138	247192	38.23	ng	#	78
54) 2,4-Dinitrophenol	14.998	184	96795	38.86	ng	#	1
55) Dibenzofuran	15.310	168	1228372	36.44	ng		99
56) 4-Nitrophenol	15.110	139	177312	38.05	ng	#	60
57) 2,4-Dinitrotoluene	15.251	165	310831	39.63	ng	#	79
58) Fluorene	15.957	166	990881	36.70	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	273663	38.69	ng		96
60) Diethylphthalate	15.698	149	1045177	37.50	ng		99
61) 4-Chlorophenyl-phenyle...	15.934	204	545774	37.00	ng		98
62) 4-Nitroaniline	15.951	138	261989	38.87	ng		85
63) Azobenzene	16.228	77	944858	35.90	ng		86
65) 4,6-Dinitro-2-methylph...	16.022	198	150194	38.19	ng	#	81
66) n-Nitrosodiphenylamine	16.145	169	868569	37.33	ng		97
67) 4-Bromophenyl-phenylether	16.822	248	340941	38.33	ng		96
68) Hexachlorobenzene	16.986	284	383962	37.84	ng		98
69) Atrazine	17.075	200	301547	39.47	ng		98
70) Pentachlorophenol	17.316	266	178316	36.73	ng		99
71) Phenanthrene	17.686	178	1550719	36.35	ng		99
72) Anthracene	17.775	178	1518113	36.85	ng		98
73) Carbazole	18.028	167	1406265	36.79	ng		99
74) Di-n-butylphthalate	18.545	149	1777490	40.17	ng		99
75) Fluoranthene	19.616	202	1833621	37.25	ng		99
77) Benzidine	19.763	184	749946	44.04	ng		100
78) Pyrene	19.963	202	1871890	38.20	ng		99
80) Butylbenzylphthalate	20.780	149	801222	43.89	ng	#	84
81) Benzo(a)anthracene	21.657	228	1789496	37.58	ng		98
82) 3,3'-Dichlorobenzidine	21.563	252	654984	39.88	ng		99
83) Chrysene	21.710	228	1703568	37.24	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1151927	42.81	ng		98
85) Di-n-octyl phthalate	22.463	149	1966772	43.87	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.709	276	1980688	36.21	ng		97
88) Benzo(b)fluoranthene	23.398	252	1760505	35.48	ng		99
89) Benzo(k)fluoranthene	23.445	252	1749922	35.72	ng		98
90) Benzo(a)pyrene	24.039	252	1650613	35.94	ng		98
91) Dibenzo(a,h)anthracene	26.709	278	1642604	36.03	ng		97
92) Benzo(g,h,i)perylene	27.498	276	1598864	36.23	ng		98

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

