

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020422\
 Data File : BP009035.D
 Acq On : 04 Feb 2022 12:44
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2022
 Supervised By : mohammad ahmed 02/10/2022

Quant Time: Feb 04 13:34:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 04 13:28:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	240910	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	917296	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	625474	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1294958	20.000	ng	0.00
76) Chrysene-d12	21.310	240	986325	20.000	ng	0.00
86) Perylene-d12	23.704	264	992749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1971099	126.526	ng	0.00
7) Phenol-d6	6.999	99	2649079	140.425	ng	0.00
23) Nitrobenzene-d5	8.975	82	2552430	157.976	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1463403	160.735	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	6327949	133.417	ng	0.00
79) Terphenyl-d14	19.775	244	8383314	143.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	304109	48.229	ng	99
3) Pyridine	3.705	79	918024m	69.513	ng	
4) n-Nitrosodimethylamine	3.617	42	339457	54.786	ng	# 87
6) Aniline	7.140	93	1608502	68.314	ng	97
8) 2-Chlorophenol	7.375	128	1152523	69.464	ng	97
10) Phenol	7.022	94	1381868	71.851	ng	96
11) bis(2-Chloroethyl)ether	7.240	93	1050359	68.642	ng	97
12) 1,3-Dichlorobenzene	7.693	146	1270470	64.300	ng	98
13) 1,4-Dichlorobenzene	7.840	146	1304979	65.167	ng	99
14) 1,2-Dichlorobenzene	8.158	146	1265918	66.299	ng	99
15) Benzyl Alcohol	8.058	79	977596	73.867	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1158218	67.683	ng	99
17) 2-Methylphenol	8.264	107	942965	73.185	ng	97
18) Hexachloroethane	8.881	117	439431	64.654	ng	98
19) n-Nitroso-di-n-propyla...	8.622	70	785272	71.210	ng	97
20) 3+4-Methylphenols	8.599	107	1317127	77.004	ng	99
22) Acetophenone	8.640	105	1577989	67.530	ng	# 97
24) Nitrobenzene	9.016	77	1203805	73.761	ng	97
25) Isophorone	9.552	82	2232617	76.463	ng	99
26) 2-Nitrophenol	9.728	139	694023	80.888	ng	97
27) 2,4-Dimethylphenol	9.799	122	954933	65.276	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	1395516	73.241	ng	99
29) 2,4-Dichlorophenol	10.269	162	1227088	76.866	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	1347067	72.037	ng	99
31) Naphthalene	10.657	128	3570198	71.659	ng	100
32) Benzoic acid	10.034	122	893008	106.367	ng	96
33) 4-Chloroaniline	10.775	127	1566647	77.164	ng	98
34) Hexachlorobutadiene	10.946	225	819356	70.130	ng	100
35) Caprolactam	11.610	113	398448m	90.541	ng	
36) 4-Chloro-3-methylphenol	11.922	107	1203166	83.542	ng	99
37) 2-Methylnaphthalene	12.275	142	2611540	71.703	ng	99
38) 1-Methylnaphthalene	12.493	142	2544488	76.112	ng	99
40) 1,2,4,5-Tetrachloroben...	12.646	216	1517682	66.549	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	1087059	77.094	ng	99
44) 2,4,5-Trichlorophenol	12.975	196	1184115	78.025	ng	98
46) 1,1'-Biphenyl	13.287	154	3419927	67.205	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.328	162	2777473	70.784	ng	99
48) 2-Nitroaniline	13.540	65	733367	84.175	ng	97
49) Acenaphthylene	14.175	152	4224978	71.268	ng	100
50) Dimethylphthalate	13.922	163	3550431	76.430	ng	99
51) 2,6-Dinitrotoluene	14.040	165	779214	79.091	ng	95
52) Acenaphthene	14.522	154	2559635	72.798	ng	99
53) 3-Nitroaniline	14.375	138	832924	85.964	ng	100
54) 2,4-Dinitrophenol	14.587	184	502023	125.996	ng	92
55) Dibenzofuran	14.857	168	4194605	73.212	ng	98
56) 4-Nitrophenol	14.704	139	646606	92.675	ng	93
57) 2,4-Dinitrotoluene	14.834	165	1047153	82.633	ng #	90
58) Fluorene	15.510	166	3256422	71.959	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1042351m	83.381	ng	
60) Diethylphthalate	15.287	149	3306394	75.015	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	1798566	72.959	ng	98
62) 4-Nitroaniline	15.545	138	845889	90.143	ng	89
63) Azobenzene	15.793	77	2885865	78.862	ng	95
65) 4,6-Dinitro-2-methylph...	15.604	198	725076	112.071	ng	96
66) n-Nitrosodiphenylamine	15.716	169	3009765	72.216	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	1194735	73.886	ng	98
68) Hexachlorobenzene	16.522	284	1327669	71.652	ng	100
69) Atrazine	16.681	200	1036609	66.930	ng	99
70) Pentachlorophenol	16.869	266	808149	81.879	ng	98
71) Phenanthrene	17.257	178	5191922	71.210	ng	98
72) Anthracene	17.345	178	5199660	71.091	ng	99
73) Carbazole	17.622	167	4983088	79.235	ng	99
74) Di-n-butylphthalate	18.175	149	5462116	72.169	ng	99
75) Fluoranthene	19.228	202	5771618	71.184	ng	99
77) Benzidine	19.404	184	1574740	45.193	ng	98
78) Pyrene	19.581	202	5785961	84.072	ng	100
80) Butylbenzylphthalate	20.451	149	2163648	78.169	ng	99
81) Benzo(a)anthracene	21.292	228	4881461	73.565	ng	99
82) 3,3'-Dichlorobenzidine	21.222	252	1728206	60.285	ng	97
83) Chrysene	21.345	228	4576935	71.154	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	2776551	64.776	ng	100
85) Di-n-octyl phthalate	22.139	149	4365872	60.210	ng	100
87) Indeno(1,2,3-cd)pyrene	26.221	276	5767480	70.503	ng	97
88) Benzo(b)fluoranthene	22.974	252	4532762	68.369	ng	99
89) Benzo(k)fluoranthene	23.027	252	4639873	72.299	ng	98
90) Benzo(a)pyrene	23.604	252	3999117	62.493	ng	97
91) Dibenzo(a,h)anthracene	26.233	278	4724244	67.916	ng	98
92) Benzo(g,h,i)perylene	26.992	276	4885984	71.942	ng	98

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

