

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011736.D
 Acq On : 19 Sep 2022 15:31
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

09/20/2022
 Supervised By :Jagrut
 Upadhyay

09/22/2022

Quant Time: Sep 20 04:40:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 19:12:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	583416	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2283914	20.000	ng	#-0.01
39) Acenaphthene-d10	14.575	164	1328545	20.000	ng	-0.01
64) Phenanthrene-d10	17.333	188	2672094	20.000	ng	0.00
76) Chrysene-d12	21.410	240	2649453	20.000	ng	0.00
86) Perylene-d12	23.863	264	2699717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2556735	79.768	ng	0.00
7) Phenol-d6	7.099	99	3357286	78.577	ng	0.00
23) Nitrobenzene-d5	9.104	82	3039084	78.917	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1077224	103.775	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	6936782	81.162	ng	0.00
79) Terphenyl-d14	19.880	244	9606387	78.846	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	539309	38.207	ng	# 82
3) Pyridine	3.787	79	1558812	38.306	ng	# 78
4) n-Nitrosodimethylamine	3.693	42	619634	39.719	ng	# 49
6) Aniline	7.263	93	2010881	38.207	ng	89
8) 2-Chlorophenol	7.499	128	1490601	39.220	ng	91
9) Benzaldehyde	7.075	77	1001488	36.619	ng	89
10) Phenol	7.122	94	1858695	38.678	ng	82
11) bis(2-Chloroethyl)ether	7.357	93	1442697	37.686	ng	92
12) 1,3-Dichlorobenzene	7.828	146	1660359	39.394	ng	# 92
13) 1,4-Dichlorobenzene	7.975	146	1685162	39.315	ng	96
14) 1,2-Dichlorobenzene	8.293	146	1604077	39.257	ng	96
15) Benzyl Alcohol	8.181	79	1175846	38.550	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1955172	38.236	ng	94
17) 2-Methylphenol	8.381	107	1209548	38.765	ng	# 91
18) Hexachloroethane	9.022	117	586038	39.529	ng	96
19) n-Nitroso-di-n-propyla...	8.752	70	1038251	37.531	ng	# 85
20) 3+4-Methylphenols	8.710	107	1673024	39.042	ng	92
22) Acetophenone	8.763	105	2103007	39.279	ng	# 88
24) Nitrobenzene	9.146	77	1568046	39.135	ng	# 89
25) Isophorone	9.675	82	2652485	38.936	ng	94
26) 2-Nitrophenol	9.857	139	655904	36.551	ng	# 81
27) 2,4-Dimethylphenol	9.916	122	1151732	40.438	ng	89
28) bis(2-Chloroethoxy)met...	10.157	93	1675923	38.472	ng	98
29) 2,4-Dichlorophenol	10.393	162	1325311	42.006	ng	95
30) 1,2,4-Trichlorobenzene	10.610	180	1452983	41.598	ng	98
31) Naphthalene	10.798	128	4665362	39.363	ng	99
32) Benzoic acid	10.051	122	777682	34.644	ng	86
33) 4-Chloroaniline	10.910	127	1862038	40.043	ng	# 91
34) Hexachlorobutadiene	11.087	225	841619	43.740	ng	98
35) Caprolactam	11.704	113	391183	38.265	ng	# 75
36) 4-Chloro-3-methylphenol	12.028	107	1340635	39.511	ng	90
37) 2-Methylnaphthalene	12.404	142	3167980	39.940	ng	96
38) 1-Methylnaphthalene	12.622	142	3069649	39.584	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	1471637	41.970	ng	99
41) Hexachlorocyclopentadiene	12.751	237	762550	43.569	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	1010275	42.358	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	1125503	42.205	ng	97
46) 1,1'-Biphenyl	13.416	154	3798226	39.299	ng	100
47) 2-Chloronaphthalene	13.451	162	3018094	39.690	ng	99
48) 2-Nitroaniline	13.657	65	848856	39.805	ng	# 81
49) Acenaphthylene	14.298	152	4723601	40.145	ng	99
50) Dimethylphthalate	14.040	163	3674444	39.645	ng	100
51) 2,6-Dinitrotoluene	14.151	165	774234	41.194	ng	# 85
52) Acenaphthene	14.639	154	3089871m	39.478	ng	
53) 3-Nitroaniline	14.481	138	891162	37.942	ng	88
54) 2,4-Dinitrophenol	14.687	184	346337	35.855	ng	# 83
55) Dibenzofuran	14.975	168	4505925	39.979	ng	96
56) 4-Nitrophenol	14.781	139	714210	39.109	ng	# 71
57) 2,4-Dinitrotoluene	14.939	165	1028211	38.307	ng	# 81
58) Fluorene	15.628	166	3746174	40.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	957444	43.703	ng	99
60) Diethylphthalate	15.398	149	3642075	39.470	ng	99
61) 4-Chlorophenyl-phenyle...	15.622	204	1772678	41.949	ng	94
62) 4-Nitroaniline	15.645	138	928774	38.680	ng	# 78
63) Azobenzene	15.916	77	3443257	38.831	ng	88
65) 4,6-Dinitro-2-methylph...	15.698	198	496140	36.093	ng	89
66) n-Nitrosodiphenylamine	15.834	169	3110804	39.127	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	1067912	42.692	ng	97
68) Hexachlorobenzene	16.628	284	1206938	44.802	ng	97
69) Atrazine	16.792	200	968698	39.915	ng	99
70) Pentachlorophenol	16.975	266	747796	43.755	ng	99
71) Phenanthrene	17.375	178	5721171	39.349	ng	98
72) Anthracene	17.463	178	5485581	39.891	ng	97
73) Carbazole	17.733	167	5170260	39.854	ng	99
74) Di-n-butylphthalate	18.280	149	6102200	39.025	ng	99
75) Fluoranthene	19.333	202	6501352	41.460	ng	95
77) Benzidine	19.516	184	2346728	37.245	ng	99
78) Pyrene	19.686	202	6751676	37.783	ng	97
80) Butylbenzylphthalate	20.557	149	2746891	36.683	ng	90
81) Benzo(a)anthracene	21.398	228	6744111	39.492	ng	96
82) 3,3'-Dichlorobenzidine	21.327	252	2207946	42.570	ng	98
83) Chrysene	21.451	228	6394831	39.193	ng	97
84) Bis(2-ethylhexyl)phtha...	21.316	149	4030361	37.414	ng	99
85) Di-n-octyl phthalate	22.263	149	6691047	36.196	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.433	276	8388273	43.128	ng	# 95
88) Benzo(b)fluoranthene	23.115	252	6662912	39.904	ng	98
89) Benzo(k)fluoranthene	23.163	252	6709262	39.874	ng	# 97
90) Benzo(a)pyrene	23.757	252	5587053	40.505	ng	97
91) Dibenzo(a,h)anthracene	26.456	278	6986570	43.260	ng	# 97
92) Benzo(g,h,i)perylene	27.227	276	6714045	42.642	ng	# 95

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

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