

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
 Data File : BP012699.D
 Acq On : 22 Nov 2022 13:27
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 22 23:40:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 23:34:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	349327	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	1426353	20.000	ng	0.00
39) Acenaphthene-d10	14.675	164	949509	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	2113227	20.000	ng	0.00
76) Chrysene-d12	21.516	240	2243196	20.000	ng	0.00
86) Perylene-d12	24.033	264	2135438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2644029	153.323	ng	0.00
7) Phenol-d6	7.193	99	3820155	159.663	ng	0.01
23) Nitrobenzene-d5	9.210	82	4214809	165.601	ng	0.00
42) 2,4,6-Tribromophenol	16.163	330	2057684	196.877	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	10291823	152.965	ng	0.00
79) Terphenyl-d14	19.969	244	14140178	132.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	505501	71.308	ng	99
3) Pyridine	3.846	79	1706377m	77.089	ng	
4) n-Nitrosodimethylamine	3.764	42	721364	74.620	ng	# 93
6) Aniline	7.364	93	2423729	80.233	ng	99
8) 2-Chlorophenol	7.599	128	1719861	78.922	ng	98
10) Phenol	7.216	94	2169083	79.933	ng	99
11) bis(2-Chloroethyl)ether	7.458	93	1744106	74.520	ng	99
12) 1,3-Dichlorobenzene	7.928	146	1969985	74.367	ng	99
13) 1,4-Dichlorobenzene	8.075	146	2014543	73.824	ng	99
14) 1,2-Dichlorobenzene	8.393	146	1951311	73.810	ng	98
15) Benzyl Alcohol	8.275	79	1461565	87.067	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.569	45	2528616	73.417	ng	100
17) 2-Methylphenol	8.475	107	1530473	81.654	ng	99
18) Hexachloroethane	9.128	117	732217	73.940	ng	98
19) n-Nitroso-di-n-propyla...	8.858	70	1344037	81.549	ng	99
20) 3+4-Methylphenols	8.811	107	2150492	84.876	ng	98
22) Acetophenone	8.869	105	2771496	78.745	ng	# 98
24) Nitrobenzene	9.252	77	2143074	81.446	ng	99
25) Isophorone	9.781	82	3921017	79.698	ng	99
27) 2,4-Dimethylphenol	10.016	122	1493219	88.351	ng	99
28) bis(2-Chloroethoxy)met...	10.263	93	2293244	82.193	ng	99
30) 1,2,4-Trichlorobenzene	10.716	180	2157267	81.730	ng	99
31) Naphthalene	10.910	128	6234149	78.265	ng	100
32) Benzoic acid	10.199	122	971954	105.019	ng	96
33) 4-Chloroaniline	11.016	127	2559802	91.247	ng	99
34) Hexachlorobutadiene	11.193	225	1351510	81.788	ng	100
35) Caprolactam	11.822	113	582099m	91.698	ng	
36) 4-Chloro-3-methylphenol	12.128	107	1965372	87.446	ng	99
37) 2-Methylnaphthalene	12.510	142	4545716	80.428	ng	99
38) 1-Methylnaphthalene	12.728	142	4432169	79.003	ng	100
40) 1,2,4,5-Tetrachloroben...	12.869	216	2560730	84.679	ng	100
41) Hexachlorocyclopentadiene	12.851	237	1273753	90.029	ng	99
43) 2,4,6-Trichlorophenol	13.104	196	1715390	93.088	ng	99
46) 1,1'-Biphenyl	13.510	154	5799667	79.975	ng	100
47) 2-Chloronaphthalene	13.551	162	4630149	79.507	ng	99
48) 2-Nitroaniline	13.751	65	1266730	102.802	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	14.398	152	7410270	79.547	ng	100
50) Dimethylphthalate	14.134	163	5977682	81.582	ng	100
51) 2,6-Dinitrotoluene	14.246	165	1326630	89.681	ng	97
52) Acenaphthene	14.740	154	4764440m	80.499	ng	
53) 3-Nitroaniline	14.581	138	1423781	93.671	ng	95
54) 2,4-Dinitrophenol	14.775	184	617235	102.382	ng	98
55) Dibenzofuran	15.075	168	7167994	78.264	ng	99
56) 4-Nitrophenol	14.869	139	1182536	90.221	ng	98
57) 2,4-Dinitrotoluene	15.034	165	1835284	93.364	ng	96
58) Fluorene	15.722	166	5642770	75.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.293	232	1767799	89.889	ng	99
60) Diethylphthalate	15.498	149	5871817	83.630	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	2931732	79.353	ng	97
62) 4-Nitroaniline	15.745	138	1445866	102.325	ng	99
63) Azobenzene	16.010	77	5537180	77.226	ng	97
65) 4,6-Dinitro-2-methylph...	15.798	198	907401	101.357	ng	92
66) n-Nitrosodiphenylamine	15.934	169	5026417	82.331	ng	99
67) 4-Bromophenyl-phenylether	16.610	248	1925856	89.545	ng	99
68) Hexachlorobenzene	16.728	284	2311085	84.783	ng	98
69) Atrazine	16.887	200	1540733	104.167	ng	100
71) Phenanthrene	17.475	178	9665898	78.426	ng	98
72) Anthracene	17.563	178	9353975	79.721	ng	99
73) Carbazole	17.828	167	8655866	82.257	ng	99
74) Di-n-butylphthalate	18.381	149	9511958	95.023	ng	99
75) Fluoranthene	19.428	202	11588870	79.258	ng	98
77) Benzidine	19.604	184	1942227	141.971	ng	99
78) Pyrene	19.781	202	11942216	78.149	ng	94
81) Benzo(a)anthracene	21.498	228	12448295	79.481	ng	98
82) 3,3'-Dichlorobenzidine	21.422	252	3330367	106.765	ng	100
83) Chrysene	21.557	228	11686792	77.798	ng	96
85) Di-n-octyl phthalate	22.392	149	8115631	106.516	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.710	276	13033448	82.450	ng	99
88) Benzo(b)fluoranthene	23.269	252	12123092	83.322	ng	99
89) Benzo(k)fluoranthene	23.322	252	12448449	83.715	ng	99
90) Benzo(a)pyrene	23.933	252	10183882	86.769	ng	98
91) Dibenzo(a,h)anthracene	26.727	278	11016875	82.619	ng	99
92) Benzo(g,h,i)perylene	27.521	276	9966326	80.675	ng	99

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

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