

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
 Data File : BP015275.D
 Acq On : 24 May 2023 16:39
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 01:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:19:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	173619	20.000	ng	0.00
21) Naphthalene-d8	10.939	136	671348	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	384663	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	758064	20.000	ng	0.00
76) Chrysene-d12	21.586	240	643118	20.000	ng	0.00
86) Perylene-d12	24.139	264	721181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	214353	20.458	ng	0.00
7) Phenol-d6	7.257	99	278360	20.272	ng	0.00
23) Nitrobenzene-d5	9.287	82	273845	19.916	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	95909	18.348	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	612274	21.370	ng	0.00
79) Terphenyl-d14	20.039	244	739516	21.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	47402	10.214	ng	97
3) Pyridine	3.881	79	120837m	10.188	ng	
4) n-Nitrosodimethylamine	3.781	42	55135	9.961	ng	# 88
6) Aniline	7.428	93	173203	9.980	ng	99
8) 2-Chlorophenol	7.669	128	111293	10.165	ng	98
9) Benzaldehyde	7.240	77	89891	9.287	ng	99
10) Phenol	7.287	94	139404	10.137	ng	97
11) bis(2-Chloroethyl)ether	7.522	93	118761	10.303	ng	99
12) 1,3-Dichlorobenzene	7.998	146	125879	10.332	ng	100
13) 1,4-Dichlorobenzene	8.145	146	127713	10.414	ng	100
14) 1,2-Dichlorobenzene	8.469	146	121922	10.420	ng	97
15) Benzyl Alcohol	8.351	79	91048	9.500	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.640	45	155228m	10.441	ng	
17) 2-Methylphenol	8.551	107	98821	10.098	ng	98
18) Hexachloroethane	9.198	117	46854	10.137	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	91154	10.373	ng	98
20) 3+4-Methylphenols	8.887	107	132336	10.009	ng	97
22) Acetophenone	8.945	105	179883	10.316	ng	# 99
24) Nitrobenzene	9.328	77	136920	10.001	ng	99
25) Isophorone	9.857	82	238097	9.649	ng	99
26) 2-Nitrophenol	10.051	139	56059	9.329	ng	98
27) 2,4-Dimethylphenol	10.098	122	97409	9.669	ng	97
28) bis(2-Chloroethoxy)met...	10.339	93	151637	9.971	ng	99
29) 2,4-Dichlorophenol	10.581	162	99426	9.518	ng	96
30) 1,2,4-Trichlorobenzene	10.798	180	115111	9.879	ng	98
31) Naphthalene	10.986	128	360425	10.194	ng	100
32) Benzoic acid	10.187	122	45969m	11.230	ng	
33) 4-Chloroaniline	11.104	127	137723	9.422	ng	99
34) Hexachlorobutadiene	11.269	225	73453	9.949	ng	96
35) Caprolactam	11.869	113	24428	7.617	ng	94
36) 4-Chloro-3-methylphenol	12.210	107	106629	9.388	ng	98
37) 2-Methylnaphthalene	12.586	142	254362	10.122	ng	99
38) 1-Methylnaphthalene	12.804	142	238729	10.182	ng	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	129398	10.252	ng	99
41) Hexachlorocyclopentadiene	12.928	237	59506	8.901	ng	97
43) 2,4,6-Trichlorophenol	13.186	196	78572	9.591	ng	98

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44) 2,4,5-Trichlorophenol	13.263	196	92305	9.584	ng	96
46) 1,1'-Biphenyl	13.586	154	318210	10.441	ng	100
47) 2-Chloronaphthalene	13.633	162	239472	10.416	ng	99
48) 2-Nitroaniline	13.839	65	61683	8.783	ng	96
49) Acenaphthylene	14.475	152	366902	9.973	ng	100
50) Dimethylphthalate	14.198	163	290813	9.664	ng	99
51) 2,6-Dinitrotoluene	14.327	165	57030	8.976	ng	99
52) Acenaphthene	14.816	154	222876	10.172	ng	97
53) 3-Nitroaniline	14.657	138	55300	8.516	ng	99
54) 2,4-Dinitrophenol	14.869	184	25413	10.746	ng	97
55) Dibenzofuran	15.151	168	367671	10.258	ng	100
56) 4-Nitrophenol	14.963	139	37429	9.708	ng	95
57) 2,4-Dinitrotoluene	15.116	165	71987	8.617	ng	99
58) Fluorene	15.798	166	282396	10.201	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.374	232	71983	9.345	ng	100
60) Diethylphthalate	15.557	149	281352	9.385	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	143038	10.091	ng	99
62) 4-Nitroaniline	15.822	138	49952m	9.089	ng	
63) Azobenzene	16.080	77	281056	9.828	ng	99
65) 4,6-Dinitro-2-methylph...	15.880	198	38885	8.445	ng	93
66) n-Nitrosodiphenylamine	16.004	169	236649	10.476	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	83732	10.215	ng	98
68) Hexachlorobenzene	16.804	284	92870	10.288	ng	99
69) Atrazine	16.951	200	69194	9.593	ng	97
70) Pentachlorophenol	17.151	266	53599	8.664	ng	99
71) Phenanthrene	17.551	178	413410	10.232	ng	100
72) Anthracene	17.639	178	411459	10.169	ng	99
73) Carbazole	17.910	167	345314	9.637	ng	100
74) Di-n-butylphthalate	18.439	149	442381	9.614	ng	99
75) Fluoranthene	19.504	202	458139	9.707	ng	99
77) Benzidine	19.680	184	95289	9.317	ng	98
78) Pyrene	19.857	202	475955	10.343	ng	99
80) Butylbenzylphthalate	20.709	149	177855	9.121	ng	99
81) Benzo(a)anthracene	21.568	228	446163	9.985	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	128292	9.295	ng	98
83) Chrysene	21.621	228	429084	10.014	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	259540	9.037	ng	99
85) Di-n-octyl phthalate	22.439	149	432083	8.893	ng	99
87) Indeno(1,2,3-cd)pyrene	26.833	276	521022	9.967	ng	99
88) Benzo(b)fluoranthene	23.351	252	426437	9.725	ng	99
89) Benzo(k)fluoranthene	23.403	252	447916	10.144	ng	100
90) Benzo(a)pyrene	24.021	252	413536	9.768	ng	98
91) Dibenzo(a,h)anthracene	26.856	278	429598	10.008	ng	99
92) Benzo(g,h,i)perylene	27.674	276	437523	10.031	ng	99

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

