

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019693.D
 Acq On : 14 Feb 2024 10:18
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 10:46:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	81930	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	298500	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	199204	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	464525	20.000	ng	0.00
76) Chrysene-d12	21.392	240	462215	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	557182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	401010	78.896	ng	0.00
7) Phenol-d6	7.081	99	544778	79.490	ng	0.00
23) Nitrobenzene-d5	9.075	82	556445	80.776	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	293005	100.740	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1253833	77.811	ng	-0.01
79) Terphenyl-d14	19.869	244	2352594	83.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	71564	36.544	ng	98
3) Pyridine	3.787	79	205202	38.650	ng	100
4) n-Nitrosodimethylamine	3.705	42	93264	40.348	ng	98
6) Aniline	7.240	93	262108	39.360	ng	99
8) 2-Chlorophenol	7.469	128	208257	39.909	ng	96
9) Benzaldehyde	7.058	77	205194m	42.704	ng	
10) Phenol	7.105	94	266252	38.979	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	199926	37.621	ng	96
12) 1,3-Dichlorobenzene	7.793	146	251230	39.345	ng	97
13) 1,4-Dichlorobenzene	7.940	146	256013	39.575	ng	99
14) 1,2-Dichlorobenzene	8.257	146	246178	39.331	ng	98
15) Benzyl Alcohol	8.157	79	215666	39.384	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	186170m	35.033	ng	
17) 2-Methylphenol	8.357	107	181895	39.554	ng	98
18) Hexachloroethane	8.975	117	97389	38.839	ng	99
19) n-Nitroso-di-n-propyla...	8.728	70	171954	36.733	ng	98
20) 3+4-Methylphenols	8.687	107	249406	39.739	ng	98
22) Acetophenone	8.740	105	333112	39.172	ng	# 97
24) Nitrobenzene	9.122	77	279046	40.232	ng	97
25) Isophorone	9.646	82	469383	39.124	ng	99
26) 2-Nitrophenol	9.828	139	121814	46.061	ng	96
27) 2,4-Dimethylphenol	9.887	122	138151	40.853	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	260981	38.448	ng	99
29) 2,4-Dichlorophenol	10.357	162	216804	42.412	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	263221	41.995	ng	100
31) Naphthalene	10.757	128	659034	40.255	ng	99
32) Benzoic acid	10.046	122	165073	50.101	ng	95
33) 4-Chloroaniline	10.875	127	245729	40.587	ng	98
34) Hexachlorobutadiene	11.028	225	192340	41.411	ng	100
35) Caprolactam	11.693	113	69175	47.801	ng	91
36) 4-Chloro-3-methylphenol	12.004	107	235759	42.297	ng	97
37) 2-Methylnaphthalene	12.369	142	459936	40.595	ng	98
38) 1-Methylnaphthalene	12.587	142	457245	41.068	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	311197	40.507	ng	98
41) Hexachlorocyclopentadiene	12.698	237	156839	45.191	ng	96
43) 2,4,6-Trichlorophenol	12.981	196	198879	42.752	ng	100

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44) 2,4,5-Trichlorophenol	13.051	196	219263	42.923	ng	98
46) 1,1'-Biphenyl	13.381	154	611638	38.470	ng	98
47) 2-Chloronaphthalene	13.422	162	505987	38.769	ng	98
48) 2-Nitroaniline	13.634	65	156134	42.783	ng	94
49) Acenaphthylene	14.263	152	732536	40.006	ng	100
50) Dimethylphthalate	14.016	163	627291	41.135	ng	100
51) 2,6-Dinitrotoluene	14.140	165	146949	43.859	ng	89
52) Acenaphthene	14.604	154	450650	39.654	ng	100
53) 3-Nitroaniline	14.463	138	132738	43.110	ng	99
54) 2,4-Dinitrophenol	14.675	184	96501	55.473	ng	96
55) Dibenzofuran	14.945	168	752653	40.663	ng	99
56) 4-Nitrophenol	14.775	139	119635	47.404	ng	98
57) 2,4-Dinitrotoluene	14.922	165	209201	47.648	ng	# 97
58) Fluorene	15.592	166	618360	41.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	196989	45.846	ng	96
60) Diethylphthalate	15.381	149	645310	42.544	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	349064	42.127	ng	94
62) 4-Nitroaniline	15.628	138	142163	44.048	ng	97
63) Azobenzene	15.886	77	568105	38.732	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	132990	50.208	ng	97
66) n-Nitrosodiphenylamine	15.810	169	528704	38.003	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	231445	39.855	ng	95
68) Hexachlorobenzene	16.592	284	274276	40.445	ng	95
69) Atrazine	16.775	200	178966	38.767	ng	96
70) Pentachlorophenol	16.945	266	197712	46.817	ng	98
71) Phenanthrene	17.345	178	971397	39.736	ng	99
72) Anthracene	17.433	178	971827	39.851	ng	99
73) Carbazole	17.710	167	917651	41.421	ng	99
74) Di-n-butylphthalate	18.269	149	1071463	39.999	ng	100
75) Fluoranthene	19.310	202	1285849	43.057	ng	99
77) Benzidine	19.498	184	120033	12.421	ng	99
78) Pyrene	19.663	202	1330850	40.797	ng	100
80) Butylbenzylphthalate	20.551	149	472814	38.812	ng	95
81) Benzo(a)anthracene	21.374	228	1310433	40.276	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	470597	39.692	ng	99
83) Chrysene	21.433	228	1239282	40.119	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	652971	35.200	ng	99
85) Di-n-octyl phthalate	22.257	149	1121953	34.375	ng	99
87) Indeno(1,2,3-cd)pyrene	26.357	276	1703250	39.935	ng	98
88) Benzo(b)fluoranthene	23.074	252	1444183	41.125	ng	99
89) Benzo(k)fluoranthene	23.127	252	1292555	38.532	ng	99
90) Benzo(a)pyrene	23.710	252	1263301	40.431	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1414727	40.331	ng	97
92) Benzo(g,h,i)perylene	27.133	276	1421471	39.944	ng	98

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

