

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019737.D
 Acq On : 16 Feb 2024 10:32
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 11:08:10 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	77415	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	282257	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	185062	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	434892	20.000	ng	0.00
76) Chrysene-d12	21.398	240	431389	20.000	ng	0.00
86) Perylene-d12	23.827	264	532209	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	390266	81.261	ng	-0.01
7) Phenol-d6	7.081	99	520149	80.323	ng	0.00
23) Nitrobenzene-d5	9.075	82	519851	79.806	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	276649	102.385	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1161149	77.566	ng	-0.01
79) Terphenyl-d14	19.869	244	2137482	81.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	68320	36.923	ng	99
3) Pyridine	3.781	79	198078	39.485	ng	98
4) n-Nitrosodimethylamine	3.699	42	88383	40.467	ng	97
6) Aniline	7.234	93	250138	39.753	ng	99
8) 2-Chlorophenol	7.469	128	202514	41.072	ng	98
9) Benzaldehyde	7.052	77	195731m	43.111	ng	
10) Phenol	7.105	94	259618	40.225	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	191517	38.140	ng	96
12) 1,3-Dichlorobenzene	7.787	146	243915	40.428	ng	98
13) 1,4-Dichlorobenzene	7.940	146	246834	40.381	ng	97
14) 1,2-Dichlorobenzene	8.252	146	236100	39.921	ng	98
15) Benzyl Alcohol	8.152	79	199907	38.636	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	177758m	35.401	ng	
17) 2-Methylphenol	8.352	107	171298	39.422	ng	99
18) Hexachloroethane	8.969	117	92500	39.041	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	159992	36.171	ng	97
20) 3+4-Methylphenols	8.687	107	233740	39.415	ng	98
22) Acetophenone	8.740	105	317970	39.543	ng	# 98
24) Nitrobenzene	9.116	77	261150	39.818	ng	99
25) Isophorone	9.646	82	439107	38.707	ng	99
26) 2-Nitrophenol	9.828	139	110391	44.144	ng	98
27) 2,4-Dimethylphenol	9.887	122	126583	39.586	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	240135	37.413	ng	99
29) 2,4-Dichlorophenol	10.357	162	201267	41.638	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	246104	41.524	ng	99
31) Naphthalene	10.757	128	620570	40.087	ng	99
32) Benzoic acid	10.046	122	147283	47.274	ng	97
33) 4-Chloroaniline	10.875	127	233724	40.826	ng	99
34) Hexachlorobutadiene	11.028	225	181218	41.261	ng	98
35) Caprolactam	11.693	113	64266	46.964	ng	97
36) 4-Chloro-3-methylphenol	12.004	107	222762	42.265	ng	100
37) 2-Methylnaphthalene	12.369	142	430771	40.209	ng	97
38) 1-Methylnaphthalene	12.587	142	427416	40.598	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	286429	40.132	ng	98
41) Hexachlorocyclopentadiene	12.698	237	133823	41.506	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	184246	42.633	ng	99

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44) 2,4,5-Trichlorophenol	13.051	196	200790	42.311	ng	97
46) 1,1'-Biphenyl	13.381	154	560480	37.946	ng	99
47) 2-Chloronaphthalene	13.422	162	474602	39.143	ng	98
48) 2-Nitroaniline	13.634	65	145577	42.939	ng	99
49) Acenaphthylene	14.269	152	679832	39.965	ng	99
50) Dimethylphthalate	14.016	163	586962	41.432	ng	100
51) 2,6-Dinitrotoluene	14.140	165	139049	44.673	ng	93
52) Acenaphthene	14.610	154	422301	39.999	ng	97
53) 3-Nitroaniline	14.469	138	129425	45.246	ng	99
54) 2,4-Dinitrophenol	14.681	184	82840	51.259	ng	97
55) Dibenzofuran	14.945	168	699007	40.651	ng	99
56) 4-Nitrophenol	14.781	139	108861	46.431	ng	95
57) 2,4-Dinitrotoluene	14.928	165	197145	48.333	ng	98
58) Fluorene	15.598	166	577804	42.189	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.175	232	187046	46.859	ng	94
60) Diethylphthalate	15.381	149	580586	41.202	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	320730	41.666	ng	96
62) 4-Nitroaniline	15.634	138	141328	47.136	ng	99
63) Azobenzene	15.887	77	530115	38.903	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	122309	49.322	ng	92
66) n-Nitrosodiphenylamine	15.816	169	487939	37.463	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	216193	39.766	ng	95
68) Hexachlorobenzene	16.598	284	262314	41.317	ng	94
69) Atrazine	16.775	200	164780	38.126	ng	95
70) Pentachlorophenol	16.951	266	179522	45.406	ng	99
71) Phenanthrene	17.345	178	917345	40.082	ng	99
72) Anthracene	17.439	178	921394	40.357	ng	100
73) Carbazole	17.716	167	880635	42.459	ng	100
74) Di-n-butylphthalate	18.269	149	954950	38.079	ng	99
75) Fluoranthene	19.316	202	1194395	42.720	ng	99
77) Benzidine	19.504	184	242421	26.879	ng	99
78) Pyrene	19.669	202	1232927	40.496	ng	99
80) Butylbenzylphthalate	20.551	149	429042	37.735	ng	98
81) Benzo(a)anthracene	21.380	228	1231117	40.542	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	444803	40.197	ng	99
83) Chrysene	21.439	228	1157575	40.151	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	579199	33.454	ng	99
85) Di-n-octyl phthalate	22.263	149	1023101	33.587	ng	100
87) Indeno(1,2,3-cd)pyrene	26.374	276	1606631	39.437	ng	98
88) Benzo(b)fluoranthene	23.086	252	1315795	39.227	ng	99
89) Benzo(k)fluoranthene	23.139	252	1274543	39.778	ng	98
90) Benzo(a)pyrene	23.721	252	1188846	39.834	ng	99
91) Dibenzo(a,h)anthracene	26.398	278	1340778	40.016	ng	99
92) Benzo(g,h,i)perylene	27.157	276	1344057	39.541	ng	98

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

