

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
 Data File : BP023007.D
 Acq On : 11 Nov 2024 10:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024

Quant Time: Nov 11 11:07:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	70177	20.000	ng	-0.01
21) Naphthalene-d8	10.334	136	278330	20.000	ng	-0.01
39) Acenaphthene-d10	14.204	164	253074	20.000	ng	-0.01
64) Phenanthrene-d10	17.016	188	690150	20.000	ng	0.00
76) Chrysene-d12	21.451	240	827730	20.000	ng	-0.01
86) Perylene-d12	24.680	264	986692	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	301514	81.538	ng	0.00
7) Phenol-d6	6.781	99	409125	79.335	ng	-0.01
23) Nitrobenzene-d5	8.728	82	471005	79.949	ng	-0.01
42) 2,4,6-Tribromophenol	15.728	330	419822	85.584	ng	-0.02
45) 2-Fluorobiphenyl	12.804	172	1341596	75.747	ng	-0.01
79) Terphenyl-d14	19.745	244	3570009	80.999	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	60952	41.285	ng	99
3) Pyridine	3.569	79	165062m	40.719	ng	
4) n-Nitrosodimethylamine	3.481	42	90790	46.461	ng	90
6) Aniline	6.934	93	173472	40.352	ng	97
8) 2-Chlorophenol	7.157	128	155125	40.020	ng	99
9) Benzaldehyde	6.746	77	115446	38.735	ng	97
10) Phenol	6.805	94	204870	40.114	ng	94
11) bis(2-Chloroethyl)ether	7.022	93	154566	40.058	ng	98
12) 1,3-Dichlorobenzene	7.469	146	201674	40.772	ng	98
13) 1,4-Dichlorobenzene	7.616	146	204376	40.459	ng	98
14) 1,2-Dichlorobenzene	7.922	146	196151	40.164	ng	97
15) Benzyl Alcohol	7.828	79	157956	40.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.099	45	168252	40.190	ng	99
17) 2-Methylphenol	8.034	107	139867	40.345	ng	94
18) Hexachloroethane	8.628	117	77992	41.736	ng	96
19) n-Nitroso-di-n-propyla...	8.381	70	144617	40.971	ng	96
20) 3+4-Methylphenols	8.363	107	198955	41.062	ng	97
22) Acetophenone	8.405	105	280285	37.832	ng	96
24) Nitrobenzene	8.769	77	237504	39.688	ng	95
25) Isophorone	9.281	82	382951	38.406	ng	99
26) 2-Nitrophenol	9.469	139	96374	39.217	ng	95
27) 2,4-Dimethylphenol	9.534	122	108608	38.704	ng	96
28) bis(2-Chloroethoxy)met...	9.763	93	221335	39.079	ng	99
29) 2,4-Dichlorophenol	10.004	162	198718	40.912	ng	99
30) 1,2,4-Trichlorobenzene	10.199	180	250436	40.330	ng	96
31) Naphthalene	10.387	128	544251	39.026	ng	99
32) Benzoic acid	9.728	122	134461	39.905	ng	98
33) 4-Chloroaniline	10.510	127	202856	40.867	ng	99
34) Hexachlorobutadiene	10.657	225	188061	41.291	ng	98
35) Caprolactam	11.304	113	59008	40.581	ng	94
36) 4-Chloro-3-methylphenol	11.646	107	226397	41.805	ng	95
37) 2-Methylnaphthalene	11.993	142	432849	41.442	ng	98
38) 1-Methylnaphthalene	12.216	142	427288	41.217	ng	99
40) 1,2,4,5-Tetrachloroben...	12.369	216	325949	38.044	ng	99
41) Hexachlorocyclopentadiene	12.340	237	99732	41.449	ng	99
43) 2,4,6-Trichlorophenol	12.622	196	210211	38.578	ng	98

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44) 2,4,5-Trichlorophenol	12.710	196	237529	38.293	ng	96
46) 1,1'-Biphenyl	13.022	154	639344	38.003	ng	99
47) 2-Chloronaphthalene	13.063	162	535610	38.364	ng	99
48) 2-Nitroaniline	13.287	65	167872	41.270	ng	95
49) Acenaphthylene	13.916	152	764291	39.199	ng	98
50) Dimethylphthalate	13.675	163	715803	38.631	ng	99
51) 2,6-Dinitrotoluene	13.792	165	165088	39.184	ng	94
52) Acenaphthene	14.263	154	490255	39.102	ng	99
53) 3-Nitroaniline	14.134	138	141733	41.405	ng	96
54) 2,4-Dinitrophenol	14.357	184	107122	40.973	ng	94
55) Dibenzofuran	14.604	168	905439	41.122	ng	99
56) 4-Nitrophenol	14.475	139	120568	42.825	ng	98
57) 2,4-Dinitrotoluene	14.598	165	252337	41.430	ng	98
58) Fluorene	15.263	166	744642	40.706	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.851	232	246327	41.175	ng	98
60) Diethylphthalate	15.051	149	756868	41.070	ng	100
61) 4-Chlorophenyl-phenyle...	15.263	204	443196	41.107	ng	97
62) 4-Nitroaniline	15.310	138	154125	43.878	ng	98
63) Azobenzene	15.569	77	690610	43.581	ng	99
65) 4,6-Dinitro-2-methylph...	15.375	198	170598	40.631	ng	99
66) n-Nitrosodiphenylamine	15.492	169	657580	38.540	ng	99
67) 4-Bromophenyl-phenylether	16.186	248	319868	38.642	ng	98
68) Hexachlorobenzene	16.304	284	411709	38.831	ng	97
69) Atrazine	16.469	200	237793	41.347	ng	97
70) Pentachlorophenol	16.663	266	272014	40.173	ng	98
71) Phenanthrene	17.057	178	1319657	39.510	ng	99
72) Anthracene	17.139	178	1294456	40.383	ng	99
73) Carbazole	17.433	167	1232136	40.247	ng	100
74) Di-n-butylphthalate	18.016	149	1413630	41.432	ng	99
75) Fluoranthene	19.157	202	1857154	40.083	ng	99
77) Benzidine	19.351	184	708911	43.346	ng	99
78) Pyrene	19.533	202	1966342	40.133	ng	98
80) Butylbenzylphthalate	20.486	149	685476	41.033	ng	96
81) Benzo(a)anthracene	21.433	228	2037797	39.563	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	833612	39.979	ng	99
83) Chrysene	21.504	228	1948261	40.381	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	985462	41.105	ng	99
85) Di-n-octyl phthalate	22.580	149	1674698	41.800	ng	100
87) Indeno(1,2,3-cd)pyrene	28.333	276	2671744	40.147	ng	100
88) Benzo(b)fluoranthene	23.657	252	2338962m	40.349	ng	
89) Benzo(k)fluoranthene	23.727	252	2230615	40.751	ng	99
90) Benzo(a)pyrene	24.527	252	1997552	40.273	ng	100
91) Dibenzo(a,h)anthracene	28.392	278	2205046	40.404	ng	99
92) Benzo(g,h,i)perylene	29.474	276	2191709	39.194	ng	98

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

