

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
 Data File : BP019516.D
 Acq On : 01 Feb 2024 20:29
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 02 03:24:40 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	7.916	152	105252	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	409463	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	247198	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	471074	20.000	ng	0.00
76) Chrysene-d12	21.392	240	420574	20.000	ng	0.00
86) Perylene-d12	23.810	264	529962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	484742	74.238	ng	0.00
7) Phenol-d6	7.081	99	673065	76.448	ng	0.00
23) Nitrobenzene-d5	9.087	82	724176	76.636	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	268666	74.438	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1578954	78.963	ng	0.00
79) Terphenyl-d14	19.869	244	1971937	77.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	92374	36.719	ng	99
3) Pyridine	3.781	79	257904m	37.813	ng	
4) n-Nitrosodimethylamine	3.705	42	116553	39.251	ng	98
6) Aniline	7.246	93	328567	38.407	ng	100
8) 2-Chlorophenol	7.475	128	256235	38.223	ng	99
9) Benzaldehyde	7.064	77	261744	42.403	ng	99
10) Phenol	7.111	94	335663	38.252	ng	98
11) bis(2-Chloroethyl)ether	7.352	93	262446	38.443	ng	99
12) 1,3-Dichlorobenzene	7.799	146	302872	36.923	ng	97
13) 1,4-Dichlorobenzene	7.952	146	314065	37.791	ng	98
14) 1,2-Dichlorobenzene	8.264	146	302333	37.599	ng	99
15) Benzyl Alcohol	8.158	79	275182	39.118	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	262715m	38.483	ng	
17) 2-Methylphenol	8.358	107	230089	38.947	ng	97
18) Hexachloroethane	8.987	117	122796	38.120	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	234465	38.988	ng	98
20) 3+4-Methylphenols	8.693	107	314758	39.039	ng	97
22) Acetophenone	8.746	105	445504	38.192	ng	# 98
24) Nitrobenzene	9.128	77	365425	38.408	ng	100
25) Isophorone	9.652	82	631404	38.367	ng	99
26) 2-Nitrophenol	9.828	139	142956	39.407	ng	98
27) 2,4-Dimethylphenol	9.893	122	177518	38.268	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	357027	38.344	ng	99
29) 2,4-Dichlorophenol	10.363	162	267044	38.083	ng	98
30) 1,2,4-Trichlorobenzene	10.575	180	328888	38.253	ng	99
31) Naphthalene	10.763	128	851984	37.938	ng	99
32) Benzoic acid	10.040	122	170525	37.730	ng	96
33) 4-Chloroaniline	10.881	127	311742	37.537	ng	98
34) Hexachlorobutadiene	11.040	225	244573	38.387	ng	98
35) Caprolactam	11.669	113	67505	34.006	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	282037	36.887	ng	98
37) 2-Methylnaphthalene	12.375	142	590640	38.004	ng	100
38) 1-Methylnaphthalene	12.593	142	583305	38.193	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	380231	39.883	ng	99
41) Hexachlorocyclopentadiene	12.704	237	177347	41.179	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	227613	39.429	ng	97

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44) 2,4,5-Trichlorophenol	13.046	196	247053	38.974	ng	99
46) 1,1'-Biphenyl	13.387	154	774007	39.231	ng	100
47) 2-Chloronaphthalene	13.422	162	629194	38.849	ng	99
48) 2-Nitroaniline	13.634	65	173816	38.381	ng	99
49) Acenaphthylene	14.269	152	867630	38.184	ng	99
50) Dimethylphthalate	14.022	163	696604	36.811	ng	99
51) 2,6-Dinitrotoluene	14.140	165	156288	37.590	ng	99
52) Acenaphthene	14.610	154	534355	37.891	ng	99
53) 3-Nitroaniline	14.463	138	139321	36.463	ng	94
54) 2,4-Dinitrophenol	14.669	184	78160	36.207	ng	98
55) Dibenzofuran	14.945	168	856357	37.283	ng	100
56) 4-Nitrophenol	14.763	139	109758	35.047	ng	98
57) 2,4-Dinitrotoluene	14.922	165	202398	37.148	ng	98
58) Fluorene	15.598	166	677012	37.007	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	200377	37.581	ng	100
60) Diethylphthalate	15.387	149	685477	36.418	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	384769	37.421	ng	98
62) 4-Nitroaniline	15.628	138	137747	34.394	ng	98
63) Azobenzene	15.893	77	664806	36.525	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	106835	39.773	ng	96
66) n-Nitrosodiphenylamine	15.816	169	553837	39.257	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	232151	39.421	ng	99
68) Hexachlorobenzene	16.592	284	269111	39.132	ng	98
69) Atrazine	16.775	200	175018	37.384	ng	97
70) Pentachlorophenol	16.940	266	168710	39.394	ng	99
71) Phenanthrene	17.345	178	944510	38.099	ng	99
72) Anthracene	17.434	178	934981	37.807	ng	99
73) Carbazole	17.710	167	819053	36.457	ng	100
74) Di-n-butylphthalate	18.275	149	1028193	37.850	ng	100
75) Fluoranthene	19.310	202	1097016	36.223	ng	100
77) Benzidine	19.498	184	362928	41.276	ng	98
78) Pyrene	19.663	202	1120232	37.741	ng	99
80) Butylbenzylphthalate	20.557	149	425393	38.377	ng	97
81) Benzo(a)anthracene	21.375	228	1126841	38.062	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	418660	38.807	ng	97
83) Chrysene	21.433	228	1070743	38.095	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	648743	38.434	ng	99
85) Di-n-octyl phthalate	22.269	149	1158791	39.019	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	1568226	38.658	ng	99
88) Benzo(b)fluoranthene	23.074	252	1274658	38.162	ng	99
89) Benzo(k)fluoranthene	23.127	252	1212120	37.991	ng	99
90) Benzo(a)pyrene	23.704	252	1127729	37.946	ng	100
91) Dibenzo(a,h)anthracene	26.368	278	1291083	38.697	ng	99
92) Benzo(g,h,i)perylene	27.115	276	1295821	38.283	ng	98

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

