

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
 Data File : BP019584.D
 Acq On : 07 Feb 2024 09:29
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 07 10:18:25 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	7.910	152	81137	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	342333	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	232208	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	476781	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	392783	20.000	ng	0.00
86) Perylene-d12	23.798	264	477164	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	394889	78.451	ng	-0.01
7) Phenol-d6	7.075	99	567053	83.549	ng	-0.01
23) Nitrobenzene-d5	9.081	82	621142	78.622	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	281794	83.115	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1476865	78.625	ng	-0.01
79) Terphenyl-d14	19.863	244	2028542	84.933	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	77415	39.919	ng	99
3) Pyridine	3.781	79	220157m	41.873	ng	
4) n-Nitrosodimethylamine	3.705	42	97077	42.408	ng	96
6) Aniline	7.240	93	279426	42.370	ng	98
8) 2-Chlorophenol	7.469	128	209393	40.519	ng	99
9) Benzaldehyde	7.058	77	245751	51.645	ng	98
10) Phenol	7.105	94	279550	41.326	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	220439	41.886	ng	99
12) 1,3-Dichlorobenzene	7.793	146	251349	39.749	ng	98
13) 1,4-Dichlorobenzene	7.946	146	258872	40.408	ng	99
14) 1,2-Dichlorobenzene	8.258	146	251401	40.558	ng	98
15) Benzyl Alcohol	8.158	79	232083	42.797	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.446	45	219875m	41.780	ng	
17) 2-Methylphenol	8.352	107	195686	42.969	ng	99
18) Hexachloroethane	8.981	117	98591	39.703	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	203039	43.797	ng	97
20) 3+4-Methylphenols	8.687	107	273092	43.939	ng	98
22) Acetophenone	8.740	105	387316	39.714	ng	# 98
24) Nitrobenzene	9.122	77	315108	39.614	ng	97
25) Isophorone	9.646	82	561786	40.831	ng	99
26) 2-Nitrophenol	9.828	139	122247	40.306	ng	98
27) 2,4-Dimethylphenol	9.887	122	154306	39.788	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	315916	40.582	ng	99
29) 2,4-Dichlorophenol	10.357	162	235816	40.224	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	283655	39.461	ng	97
31) Naphthalene	10.757	128	745905	39.728	ng	100
32) Benzoic acid	10.034	122	160723	42.535	ng	94
33) 4-Chloroaniline	10.875	127	287460	41.400	ng	99
34) Hexachlorobutadiene	11.034	225	210939	39.600	ng	99
35) Caprolactam	11.669	113	69958	42.152	ng	98
36) 4-Chloro-3-methylphenol	11.998	107	270881	42.375	ng	99
37) 2-Methylnaphthalene	12.369	142	537239	41.347	ng	100
38) 1-Methylnaphthalene	12.587	142	529841	41.495	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	350237	39.109	ng	98
41) Hexachlorocyclopentadiene	12.698	237	157613	38.959	ng	96
43) 2,4,6-Trichlorophenol	12.975	196	217145	40.044	ng	98

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44) 2,4,5-Trichlorophenol	13.045	196	240355	40.365	ng	98
46) 1,1'-Biphenyl	13.381	154	719919	38.845	ng	99
47) 2-Chloronaphthalene	13.416	162	588321	38.670	ng	99
48) 2-Nitroaniline	13.634	65	172013	40.435	ng	99
49) Acenaphthylene	14.263	152	845314	39.604	ng	100
50) Dimethylphthalate	14.016	163	714195	40.177	ng	99
51) 2,6-Dinitrotoluene	14.134	165	159003	40.712	ng	99
52) Acenaphthene	14.604	154	522618	39.451	ng	98
53) 3-Nitroaniline	14.457	138	138930	38.708	ng	93
54) 2,4-Dinitrophenol	14.663	184	81803	40.341	ng	99
55) Dibenzofuran	14.940	168	856204	39.683	ng	99
56) 4-Nitrophenol	14.757	139	110274	37.485	ng	97
57) 2,4-Dinitrotoluene	14.916	165	211933	41.409	ng	100
58) Fluorene	15.592	166	695477	40.471	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	207639	41.457	ng	99
60) Diethylphthalate	15.381	149	710531	40.186	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	393190	40.708	ng	98
62) 4-Nitroaniline	15.622	138	143421	38.122	ng	96
63) Azobenzene	15.887	77	686937	40.177	ng	99
65) 4,6-Dinitro-2-methylph...	15.675	198	114206	42.009	ng	94
66) n-Nitrosodiphenylamine	15.810	169	571978	40.057	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	242580	40.699	ng	97
68) Hexachlorobenzene	16.586	284	285787	41.059	ng	98
69) Atrazine	16.769	200	181351	38.274	ng	95
70) Pentachlorophenol	16.939	266	178391	41.156	ng	98
71) Phenanthrene	17.339	178	993435	39.593	ng	100
72) Anthracene	17.428	178	987254	39.443	ng	99
73) Carbazole	17.704	167	859053	37.780	ng	99
74) Di-n-butylphthalate	18.269	149	1026330	37.330	ng	99
75) Fluoranthene	19.304	202	1136480	37.077	ng	100
77) Benzidine	19.492	184	265623	32.347	ng	98
78) Pyrene	19.657	202	1163748	41.981	ng	100
80) Butylbenzylphthalate	20.551	149	408176	39.429	ng	97
81) Benzo(a)anthracene	21.369	228	1095082	39.607	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	386948	38.406	ng	99
83) Chrysene	21.422	228	1034458	39.408	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	589073	37.368	ng	99
85) Di-n-octyl phthalate	22.257	149	990191	35.701	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1462088	40.030	ng	100
88) Benzo(b)fluoranthene	23.063	252	1167634	38.826	ng	100
89) Benzo(k)fluoranthene	23.116	252	1149297	40.007	ng	100
90) Benzo(a)pyrene	23.692	252	1058061	39.541	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	1200485	39.962	ng	99
92) Benzo(g,h,i)perylene	27.092	276	1229377	40.339	ng	98

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

