

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137805.D
 Acq On : 02 May 2024 09:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 02 11:46:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	194779	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	756058	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	423336	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	739247	20.000	ng	0.00
76) Chrysene-d12	14.251	240	499965	20.000	ng	0.00
86) Perylene-d12	15.821	264	428921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	921836	79.240	ng	0.00
7) Phenol-d6	6.675	99	1136788	77.039	ng	0.00
23) Nitrobenzene-d5	7.622	82	1028176	79.009	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	354874	82.102	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2062886	79.057	ng	0.00
79) Terphenyl-d14	13.186	244	2378338	79.721	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.969	88	204547	39.045	ng	97
3) Pyridine	3.740	79	483011	38.096	ng	98
4) n-Nitrosodimethylamine	3.704	42	211422	37.031	ng	95
6) Aniline	6.722	93	539330	36.876	ng	98
8) 2-Chlorophenol	6.845	128	495524	39.085	ng	98
9) Benzaldehyde	6.610	77	328984	41.400	ng	98
10) Phenol	6.687	94	581671	38.470	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	447758	37.820	ng	99
12) 1,3-Dichlorobenzene	6.998	146	562241	39.327	ng	99
13) 1,4-Dichlorobenzene	7.075	146	570986	39.803	ng	99
14) 1,2-Dichlorobenzene	7.234	146	530001	39.226	ng	100
15) Benzyl Alcohol	7.192	79	409208	40.101	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.328	45	597127	35.883	ng	98
17) 2-Methylphenol	7.292	107	404567	39.547	ng	99
18) Hexachloroethane	7.575	117	191760	39.541	ng	94
19) n-Nitroso-di-n-propyla...	7.463	70	327059	37.088	ng	98
20) 3+4-Methylphenols	7.451	107	531722	39.507	ng	92
22) Acetophenone	7.469	105	666402	39.191	ng	# 96
24) Nitrobenzene	7.640	77	523664	39.044	ng	99
25) Isophorone	7.875	82	905575	38.595	ng	100
26) 2-Nitrophenol	7.957	139	272183	44.814	ng	100
27) 2,4-Dimethylphenol	7.981	122	345111	39.468	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	538623	37.914	ng	99
29) 2,4-Dichlorophenol	8.192	162	430475	40.730	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	463759	40.251	ng	99
31) Naphthalene	8.369	128	1467650	39.061	ng	100
32) Benzoic acid	8.087	122	332401m	44.065	ng	
33) 4-Chloroaniline	8.410	127	523851	37.598	ng	98
34) Hexachlorobutadiene	8.475	225	287942	40.706	ng	99
35) Caprolactam	8.781	113	132385	39.534	ng	98
36) 4-Chloro-3-methylphenol	8.881	107	441495	40.057	ng	96
37) 2-Methylnaphthalene	9.057	142	947418	38.955	ng	100
38) 1-Methylnaphthalene	9.157	142	937427	39.177	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	447875	39.945	ng	100
41) Hexachlorocyclopentadiene	9.204	237	188325	41.352	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	306712	40.186	ng	99

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44) 2,4,5-Trichlorophenol	9.369	196	341675	40.543	ng	99
46) 1,1'-Biphenyl	9.522	154	1149035	39.550	ng	99
47) 2-Chloronaphthalene	9.551	162	926611	39.505	ng	99
48) 2-Nitroaniline	9.639	65	259347	40.769	ng	97
49) Acenaphthylene	9.969	152	1345901	39.666	ng	100
50) Dimethylphthalate	9.816	163	1070413	40.053	ng	100
51) 2,6-Dinitrotoluene	9.881	165	251987	41.259	ng	99
52) Acenaphthene	10.139	154	890692	39.603	ng	98
53) 3-Nitroaniline	10.057	138	259394	40.557	ng	99
54) 2,4-Dinitrophenol	10.157	184	130256	43.405	ng	97
55) Dibenzofuran	10.310	168	1277290	39.026	ng	99
56) 4-Nitrophenol	10.198	139	205406	38.750	ng	96
57) 2,4-Dinitrotoluene	10.286	165	338486	42.422	ng	96
58) Fluorene	10.657	166	1017015	39.044	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	270558	39.544	ng	98
60) Diethylphthalate	10.516	149	1017311	40.080	ng	100
61) 4-Chlorophenyl-phenyle...	10.645	204	511208	39.831	ng	99
62) 4-Nitroaniline	10.675	138	258113	39.788	ng	98
63) Azobenzene	10.804	77	928455	37.847	ng	99
65) 4,6-Dinitro-2-methylph...	10.692	198	186780	44.020	ng	98
66) n-Nitrosodiphenylamine	10.763	169	871804	39.397	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	313622	39.641	ng	98
68) Hexachlorobenzene	11.204	284	347788	40.226	ng	97
69) Atrazine	11.286	200	246514	36.536	ng	99
70) Pentachlorophenol	11.398	266	239968	40.428	ng	99
71) Phenanthrene	11.627	178	1406994	39.048	ng	99
72) Anthracene	11.680	178	1405979	39.217	ng	100
73) Carbazole	11.827	167	1342947	38.867	ng	100
74) Di-n-butylphthalate	12.151	149	1521067	40.356	ng	99
75) Fluoranthene	12.822	202	1531759	38.890	ng	99
77) Benzidine	12.933	184	493807	42.706	ng	99
78) Pyrene	13.051	202	1530720	38.614	ng	99
80) Butylbenzylphthalate	13.657	149	562726	44.741	ng	97
81) Benzo(a)anthracene	14.239	228	1268856	39.680	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	386869	40.412	ng	98
83) Chrysene	14.280	228	1169190	39.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	729408	46.016	ng	98
85) Di-n-octyl phthalate	14.839	149	1075413	50.412	ng	99
87) Indeno(1,2,3-cd)pyrene	17.468	276	967429	39.672	ng	99
88) Benzo(b)fluoranthene	15.351	252	1025585	38.431	ng	100
89) Benzo(k)fluoranthene	15.386	252	1006238	39.012	ng	98
90) Benzo(a)pyrene	15.757	252	867576	39.849	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	791386	39.870	ng	99
92) Benzo(g,h,i)perylene	17.968	276	795169	38.215	ng	99

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

