

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
 Data File : BF137918.D
 Acq On : 14 May 2024 15:12
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051424

Quant Time: May 15 04:13:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	131708	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	503749	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	276382	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	459706	20.000	ng	0.00
76) Chrysene-d12	14.227	240	249872	20.000	ng	0.00
86) Perylene-d12	15.786	264	240880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	612894	79.045	ng	0.00
7) Phenol-d6	6.657	99	739572	77.431	ng	0.00
23) Nitrobenzene-d5	7.604	82	676176	78.994	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	224879	80.696	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1377807	76.791	ng	0.00
79) Terphenyl-d14	13.163	244	1357623	80.076	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	133091	39.622	ng	98
3) Pyridine	3.710	79	315198	41.821	ng	98
4) n-Nitrosodimethylamine	3.675	42	132668	39.902	ng	99
6) Aniline	6.704	93	352135	41.219	ng	100
8) 2-Chlorophenol	6.828	128	330975	39.444	ng	99
9) Benzaldehyde	6.598	77	204624	39.598	ng	98
10) Phenol	6.669	94	374571	38.853	ng	98
11) bis(2-Chloroethyl)ether	6.775	93	289601	39.123	ng	98
12) 1,3-Dichlorobenzene	6.987	146	375499	38.677	ng	99
13) 1,4-Dichlorobenzene	7.063	146	378943	38.886	ng	99
14) 1,2-Dichlorobenzene	7.216	146	354725	38.676	ng	98
15) Benzyl Alcohol	7.175	79	263329	41.288	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	353510	38.851	ng	99
17) 2-Methylphenol	7.281	107	261735	39.113	ng	99
18) Hexachloroethane	7.557	117	128175	38.869	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	208619	38.877	ng	99
20) 3+4-Methylphenols	7.434	107	342382	39.055	ng	99
22) Acetophenone	7.451	105	442439	39.206	ng	99
24) Nitrobenzene	7.628	77	341552	39.333	ng	96
25) Isophorone	7.857	82	573794	38.623	ng	99
26) 2-Nitrophenol	7.939	139	173684	39.806	ng	100
27) 2,4-Dimethylphenol	7.963	122	217905	38.790	ng	99
28) bis(2-Chloroethoxy)met...	8.063	93	346410	38.473	ng	99
29) 2,4-Dichlorophenol	8.175	162	278139	39.374	ng	100
30) 1,2,4-Trichlorobenzene	8.263	180	304568	38.615	ng	99
31) Naphthalene	8.351	128	977219	38.582	ng	100
32) Benzoic acid	8.063	122	189502	39.906	ng	97
33) 4-Chloroaniline	8.392	127	330824	39.843	ng	99
34) Hexachlorobutadiene	8.457	225	192447	38.549	ng	99
35) Caprolactam	8.757	113	81653m	39.897	ng	
36) 4-Chloro-3-methylphenol	8.863	107	282935	39.373	ng	100
37) 2-Methylnaphthalene	9.039	142	628286	38.590	ng	100
38) 1-Methylnaphthalene	9.139	142	606923	37.918	ng	98
40) 1,2,4,5-Tetrachloroben...	9.204	216	294895	39.247	ng	99
41) Hexachlorocyclopentadiene	9.186	237	116633	40.852	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	196057	39.796	ng	98

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44) 2,4,5-Trichlorophenol	9.351	196	215178	39.918	ng	98
46) 1,1'-Biphenyl	9.504	154	753773	38.884	ng	99
47) 2-Chloronaphthalene	9.533	162	602270	38.920	ng	100
48) 2-Nitroaniline	9.622	65	160773	40.572	ng	97
49) Acenaphthylene	9.951	152	869324	39.070	ng	99
50) Dimethylphthalate	9.798	163	665841	38.418	ng	100
51) 2,6-Dinitrotoluene	9.863	165	157013	39.473	ng	99
52) Acenaphthene	10.122	154	575269	39.118	ng	99
53) 3-Nitroaniline	10.033	138	155976	40.110	ng	100
54) 2,4-Dinitrophenol	10.133	184	76620	39.517	ng	96
55) Dibenzofuran	10.292	168	831390	38.846	ng	100
56) 4-Nitrophenol	10.175	139	119678	42.849	ng	99
57) 2,4-Dinitrotoluene	10.269	165	209771	40.793	ng	99
58) Fluorene	10.639	166	655871	38.744	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	166587	39.338	ng	100
60) Diethylphthalate	10.498	149	629127	38.868	ng	100
61) 4-Chlorophenyl-phenyle...	10.627	204	324776	38.903	ng	91
62) 4-Nitroaniline	10.651	138	149259	40.468	ng	99
63) Azobenzene	10.786	77	579528	39.362	ng	100
65) 4,6-Dinitro-2-methylph...	10.675	198	110009	41.445	ng	97
66) n-Nitrosodiphenylamine	10.745	169	545212	38.674	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	197990	39.286	ng	99
68) Hexachlorobenzene	11.186	284	218325	39.191	ng	99
69) Atrazine	11.263	200	151092	39.248	ng	99
70) Pentachlorophenol	11.374	266	138448	42.427	ng	97
71) Phenanthrene	11.604	178	880794	38.880	ng	100
72) Anthracene	11.657	178	868917	38.658	ng	99
73) Carbazole	11.810	167	799851	38.955	ng	99
74) Di-n-butylphthalate	12.127	149	897691	39.396	ng	100
75) Fluoranthene	12.798	202	897587	39.035	ng	99
77) Benzidine	12.916	184	180013	55.125	ng	97
78) Pyrene	13.027	202	887331	40.601	ng	100
80) Butylbenzylphthalate	13.633	149	272419	41.326	ng	97
81) Benzo(a)anthracene	14.215	228	623922	39.468	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	181988	41.540	ng	100
83) Chrysene	14.257	228	592889	39.215	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	328736	39.671	ng	98
85) Di-n-octyl phthalate	14.815	149	444673	39.722	ng	100
87) Indeno(1,2,3-cd)pyrene	17.415	276	639471	41.321	ng	99
88) Benzo(b)fluoranthene	15.315	252	530081	38.007	ng	99
89) Benzo(k)fluoranthene	15.351	252	509931	37.217	ng	100
90) Benzo(a)pyrene	15.721	252	467521	39.256	ng	99
91) Dibenzo(a,h)anthracene	17.433	278	525673	41.112	ng	99
92) Benzo(g,h,i)perylene	17.909	276	545506	40.612	ng	97

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

