

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137258.D
 Acq On : 02 Feb 2024 16:47
 Operator : CG\JU
 Sample : P1337-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Feb 02 17:10:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 02/05/2024

Supervised By :mohammad
 ahmed
 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	53741	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	206002	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	114092	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	186154	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	140863	20.000	ng	0.00
86) Perylene-d12	15.445	264	123200	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	363834	111.713	ng	0.01
7) Phenol-d6	6.428	99	487330	104.850	ng	0.00
23) Nitrobenzene-d5	7.351	82	314909	68.441	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	130479	101.264	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	546924	65.898	ng	0.00
79) Terphenyl-d14	12.910	244	531699	51.313	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	66427	38.118	ng	97
3) Pyridine	3.363	79	142006	40.739	ng	99
4) n-Nitrosodimethylamine	3.328	42	80904	45.864	ng	92
6) Aniline	6.463	93	165894	33.342	ng	99
8) 2-Chlorophenol	6.575	128	174286	47.860	ng	98
9) Benzaldehyde	6.345	77	50900	28.756	ng	98
10) Phenol	6.445	94	235863	45.463	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	162195	46.781	ng	96
12) 1,3-Dichlorobenzene	6.734	146	194720	45.606	ng	97
13) 1,4-Dichlorobenzene	6.810	146	203185	46.015	ng	99
14) 1,2-Dichlorobenzene	6.957	146	190780	46.210	ng	99
15) Benzyl Alcohol	6.934	79	162585	49.237	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	255136	40.851	ng	98
17) 2-Methylphenol	7.045	107	149617	49.179	ng	95
18) Hexachloroethane	7.298	117	72296	45.396	ng	92
19) n-Nitroso-di-n-propyla...	7.204	70	141158	44.294	ng	99
20) 3+4-Methylphenols	7.198	107	180091	46.761	ng	92
22) Acetophenone	7.204	105	257463	46.424	ng	# 93
24) Nitrobenzene	7.375	77	207191	46.394	ng	93
25) Isophorone	7.610	82	377537	44.453	ng	98
26) 2-Nitrophenol	7.687	139	85186	49.206	ng	91
27) 2,4-Dimethylphenol	7.728	122	120016	49.440	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	209770	46.512	ng	99
29) 2,4-Dichlorophenol	7.928	162	143791	47.748	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	170584	45.603	ng	99
31) Naphthalene	8.092	128	502995	45.165	ng	100
32) Benzoic acid	7.851	122	91632	52.507	ng	93
33) 4-Chloroaniline	8.169	127	79258m	20.690	ng	
34) Hexachlorobutadiene	8.210	225	115585	46.472	ng	96
35) Caprolactam	8.510	113	42218m	45.086	ng	
36) 4-Chloro-3-methylphenol	8.628	107	158080	44.444	ng	97
37) 2-Methylnaphthalene	8.781	142	328712	44.026	ng	99
38) 1-Methylnaphthalene	8.881	142	315367	45.476	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	179059	46.903	ng	99
41) Hexachlorocyclopentadiene	8.934	237	206416	113.523	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	109614	50.622	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	114359	48.317	ng	94
46) 1,1'-Biphenyl	9.251	154	425901	46.918	ng	97
47) 2-Chloronaphthalene	9.275	162	307735	45.808	ng	96
48) 2-Nitroaniline	9.369	65	104614	48.113	ng	94
49) Acenaphthylene	9.686	152	488364	45.409	ng	99
50) Dimethylphthalate	9.551	163	361487	46.899	ng	99
51) 2,6-Dinitrotoluene	9.616	165	80845	49.188	ng	86
52) Acenaphthene	9.857	154	285663	45.194	ng	99
53) 3-Nitroaniline	9.786	138	57723	39.026	ng	96
54) 2,4-Dinitrophenol	9.886	184	72970	96.879	ng	92
55) Dibenzofuran	10.033	168	450608	44.809	ng	100
56) 4-Nitrophenol	9.945	139	88732	79.224	ng	98
57) 2,4-Dinitrotoluene	10.016	165	103914	48.726	ng	# 88
58) Fluorene	10.375	166	343670	43.593	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	98807m	44.866	ng	
60) Diethylphthalate	10.257	149	357335	47.084	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	176543	45.052	ng	98
62) 4-Nitroaniline	10.398	138	58039	40.995	ng	98
63) Azobenzene	10.533	77	356704	42.439	ng	93
65) 4,6-Dinitro-2-methylph...	10.422	198	53084	53.170	ng	89
66) n-Nitrosodiphenylamine	10.492	169	296627	52.406	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	108502	53.008	ng	95
68) Hexachlorobenzene	10.922	284	113732	49.744	ng	93
69) Atrazine	11.022	200	92244	49.367	ng	98
70) Pentachlorophenol	11.116	266	131741	100.517	ng	98
71) Phenanthrene	11.339	178	449941	46.169	ng	99
72) Anthracene	11.392	178	473391	46.605	ng	99
73) Carbazole	11.551	167	376117	44.307	ng	99
74) Di-n-butylphthalate	11.892	149	481867	52.512	ng	99
75) Fluoranthene	12.533	202	450311	44.158	ng	99
77) Benzidine	12.674	184	66447	26.343	ng	98
78) Pyrene	12.763	202	463385	34.231	ng	99
80) Butylbenzylphthalate	13.398	149	184059	53.152	ng	97
81) Benzo(a)anthracene	13.957	228	465956	46.708	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	151502	55.741	ng	96
83) Chrysene	13.998	228	460706	46.974	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	262322	65.112	ng	100
85) Di-n-octyl phthalate	14.580	149	490974	76.644	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	310682	35.894	ng	99
88) Benzo(b)fluoranthene	15.015	252	392433	51.795	ng	99
89) Benzo(k)fluoranthene	15.045	252	405058	50.536	ng	99
90) Benzo(a)pyrene	15.386	252	331079	46.434	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	249997	36.046	ng	96
92) Benzo(g,h,i)perylene	17.386	276	232633	34.176	ng	98

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

