

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032624\
 Data File : BF137689.D
 Acq On : 26 Mar 2024 16:02
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
 Supervised By :mohammad ahmed 03/28/2024

Quant Time: Mar 27 01:34:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 01:28:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	241886	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	962329	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	542920	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	966964	20.000	ng	0.00
76) Chrysene-d12	13.939	240	707241	20.000	ng	0.00
86) Perylene-d12	15.368	264	571723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	340330	21.900	ng	0.00
7) Phenol-d6	6.398	99	416188	21.607	ng	-0.02
23) Nitrobenzene-d5	7.345	82	230990	15.836	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	108487	21.223	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	796757	16.037	ng	-0.01
79) Terphenyl-d14	12.892	244	943308	20.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	74513	10.351	ng	99
3) Pyridine	3.199	79	203106	10.305	ng	97
4) n-Nitrosodimethylamine	3.140	42	89709	10.129	ng	# 90
6) Aniline	6.440	93	263111	10.379	ng	100
8) 2-Chlorophenol	6.563	128	169357	10.805	ng	97
9) Benzaldehyde	6.328	77	122269	7.360	ng	98
10) Phenol	6.416	94	231820m	10.823	ng	
11) bis(2-Chloroethyl)ether	6.516	93	166867	10.710	ng	97
12) 1,3-Dichlorobenzene	6.722	146	189872	10.918	ng	98
13) 1,4-Dichlorobenzene	6.798	146	189982	10.890	ng	98
14) 1,2-Dichlorobenzene	6.951	146	179074	11.063	ng	98
15) Benzyl Alcohol	6.922	79	154822	11.003	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	263907	10.684	ng	100
17) 2-Methylphenol	7.028	107	153228	10.487	ng	98
18) Hexachloroethane	7.298	117	57272	10.249	ng	96
19) n-Nitroso-di-n-propyla...	7.192	70	135121	10.858	ng	97
20) 3+4-Methylphenols	7.181	107	196887	11.106	ng	91
22) Acetophenone	7.187	105	251155	11.300	ng	# 98
24) Nitrobenzene	7.363	77	133084	8.716	ng	94
25) Isophorone	7.598	82	341982	10.354	ng	98
26) 2-Nitrophenol	7.681	139	34230	10.462	ng	98
27) 2,4-Dimethylphenol	7.716	122	155169	10.261	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	208242	10.576	ng	99
29) 2,4-Dichlorophenol	7.916	162	142484	10.137	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	151951	10.531	ng	98
31) Naphthalene	8.087	128	530759	11.126	ng	99
32) Benzoic acid	7.781	122	51181m	12.188	ng	
33) 4-Chloroaniline	8.134	127	220751	10.726	ng	99
34) Hexachlorobutadiene	8.204	225	91429	10.710	ng	99
35) Caprolactam	8.469	113	44353	9.656	ng	87
36) 4-Chloro-3-methylphenol	8.604	107	152373	10.330	ng	99
37) 2-Methylnaphthalene	8.775	142	368727	11.259	ng	100
38) 1-Methylnaphthalene	8.875	142	338041	11.004	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	158816	11.164	ng	99
41) Hexachlorocyclopentadiene	8.934	237	62758	9.010	ng	96
43) 2,4,6-Trichlorophenol	9.051	196	100409	10.265	ng	98

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44) 2,4,5-Trichlorophenol	9.086	196	114772	10.383	ng	97
46) 1,1'-Biphenyl	9.239	154	438372	11.455	ng	97
47) 2-Chloronaphthalene	9.263	162	328080	11.077	ng	98
48) 2-Nitroaniline	9.357	65	44524	9.776	ng	89
49) Acenaphthylene	9.681	152	531729	11.161	ng	98
50) Dimethylphthalate	9.539	163	393854	10.779	ng	99
51) 2,6-Dinitrotoluene	9.598	165	42538	9.462	ng	93
52) Acenaphthene	9.851	154	329386	11.156	ng	99
53) 3-Nitroaniline	9.769	138	52752	9.523	ng	# 90
54) 2,4-Dinitrophenol	9.869	184	9735	11.446	ng	# 82
55) Dibenzofuran	10.022	168	504500	11.487	ng	98
56) 4-Nitrophenol	9.910	139	40973	9.700	ng	87
57) 2,4-Dinitrotoluene	9.998	165	45176	9.176	ng	98
58) Fluorene	10.363	166	381740	9.748	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.139	232	92986	10.603	ng	96
60) Diethylphthalate	10.245	149	384127	10.917	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	183063	9.777	ng	98
62) 4-Nitroaniline	10.375	138	52740	9.535	ng	89
63) Azobenzene	10.522	77	386599	11.014	ng	100
65) 4,6-Dinitro-2-methylph...	10.404	198	15095	12.818	ng	85
66) n-Nitrosodiphenylamine	10.475	169	340359	11.043	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	116189	10.665	ng	98
68) Hexachlorobenzene	10.910	284	120361	10.730	ng	98
69) Atrazine	11.004	200	98953	10.808	ng	97
70) Pentachlorophenol	11.104	266	70286	9.262	ng	98
71) Phenanthrene	11.328	178	570903	11.360	ng	98
72) Anthracene	11.375	178	589314	11.388	ng	98
73) Carbazole	11.533	167	519609	11.269	ng	97
74) Di-n-butylphthalate	11.875	149	589498	11.012	ng	100
75) Fluoranthene	12.510	202	581197	11.215	ng	98
77) Benzidine	12.639	184	148676	9.132	ng	98
78) Pyrene	12.739	202	605552	9.636	ng	97
80) Butylbenzylphthalate	13.374	149	169990	9.376	ng	96
81) Benzo(a)anthracene	13.927	228	509445	10.400	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	145640	9.267	ng	# 97
83) Chrysene	13.963	228	486274	10.080	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	217199	9.134	ng	99
85) Di-n-octyl phthalate	14.551	149	273278	11.434	ng	99
87) Indeno(1,2,3-cd)pyrene	16.768	276	337745	9.156	ng	99
88) Benzo(b)fluoranthene	14.957	252	365567	10.850	ng	99
89) Benzo(k)fluoranthene	14.986	252	369269	10.978	ng	98
90) Benzo(a)pyrene	15.304	252	329206	10.357	ng	99
91) Dibenzo(a,h)anthracene	16.792	278	280605	9.246	ng	98
92) Benzo(g,h,i)perylene	17.192	276	279018	9.059	ng	99

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

