

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136632.D
 Acq On : 19 Dec 2023 16:06
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 20 04:12:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 04:11:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	73716	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	300717	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	166350	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	325858	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	217749	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	162325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	99423	20.940	ng	0.00
7) Phenol-d6	6.434	99	126488	20.815	ng	-0.01
23) Nitrobenzene-d5	7.351	82	117032	20.210	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	40130	20.688	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	260973	21.434	ng	0.00
79) Terphenyl-d14	12.910	244	304575	19.697	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	20108	10.318	ng	98
3) Pyridine	3.322	79	47668m	9.967	ng	
4) n-Nitrosodimethylamine	3.263	42	25815	9.993	ng	95
6) Aniline	6.457	93	63385	10.484	ng	# 72
8) 2-Chlorophenol	6.581	128	55160	10.626	ng	96
9) Benzaldehyde	6.345	77	38921	10.666	ng	99
10) Phenol	6.445	94	67521	10.423	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	50560	10.117	ng	99
12) 1,3-Dichlorobenzene	6.734	146	59124	10.497	ng	99
13) 1,4-Dichlorobenzene	6.810	146	59422	10.391	ng	98
14) 1,2-Dichlorobenzene	6.963	146	56762	10.634	ng	99
15) Benzyl Alcohol	6.933	79	43001	10.162	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	84760	10.367	ng	90
17) 2-Methylphenol	7.051	107	42096	9.966	ng	95
18) Hexachloroethane	7.298	117	21311	10.262	ng	92
19) n-Nitroso-di-n-propyla...	7.198	70	39547	10.496	ng	96
20) 3+4-Methylphenols	7.204	107	57143	10.743	ng	# 86
22) Acetophenone	7.198	105	79920	10.623	ng	# 95
24) Nitrobenzene	7.369	77	60525	10.296	ng	95
25) Isophorone	7.610	82	110190	10.200	ng	98
26) 2-Nitrophenol	7.686	139	26739	9.599	ng	97
27) 2,4-Dimethylphenol	7.728	122	35908	10.264	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	65460	10.012	ng	98
29) 2,4-Dichlorophenol	7.933	162	44232	10.199	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	50722	10.393	ng	99
31) Naphthalene	8.092	128	171279	10.424	ng	99
32) Benzoic acid	7.816	122	28334m	8.634	ng	
33) 4-Chloroaniline	8.145	127	62882	10.283	ng	96
34) Hexachlorobutadiene	8.210	225	30571	10.246	ng	99
35) Caprolactam	8.486	113	14775	10.189	ng	# 86
36) 4-Chloro-3-methylphenol	8.627	107	50615	10.252	ng	96
37) 2-Methylnaphthalene	8.780	142	109504	10.371	ng	99
38) 1-Methylnaphthalene	8.880	142	109413	10.516	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	50548	10.013	ng	99
41) Hexachlorocyclopentadiene	8.933	237	9064	10.494	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	33573	10.141	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	36160	9.908	ng	94
46) 1,1'-Biphenyl	9.245	154	143929	10.350	ng	98
47) 2-Chloronaphthalene	9.269	162	105966	10.090	ng	95
48) 2-Nitroaniline	9.369	65	33303	10.029	ng	97
49) Acenaphthylene	9.686	152	167529	10.388	ng	99
50) Dimethylphthalate	9.545	163	120973	10.141	ng	100
51) 2,6-Dinitrotoluene	9.610	165	27660	10.176	ng	98
52) Acenaphthene	9.857	154	102107	10.239	ng	99
53) 3-Nitroaniline	9.780	138	30209	10.344	ng	98
54) 2,4-Dinitrophenol	9.892	184	10510	7.581	ng	97
55) Dibenzofuran	10.033	168	158629	10.551	ng	99
56) 4-Nitrophenol	9.951	139	19441	9.760	ng	93
57) 2,4-Dinitrotoluene	10.016	165	35957	10.273	ng	98
58) Fluorene	10.374	166	127923	10.719	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	28312	9.965	ng	95
60) Diethylphthalate	10.245	149	128958	10.396	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	60433	10.514	ng	99
62) 4-Nitroaniline	10.392	138	29629	10.254	ng	96
63) Azobenzene	10.527	77	119219	10.288	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	17236	8.959	ng	95
66) n-Nitrosodiphenylamine	10.486	169	110188	10.290	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	37309	10.244	ng	# 87
68) Hexachlorobenzene	10.921	284	41404	10.189	ng	97
69) Atrazine	11.016	200	28939	11.373	ng	98
70) Pentachlorophenol	11.121	266	19357m	9.800	ng	
71) Phenanthrene	11.339	178	176585	10.491	ng	98
72) Anthracene	11.392	178	180754	10.622	ng	100
73) Carbazole	11.551	167	170649	10.705	ng	100
74) Di-n-butylphthalate	11.886	149	204661	10.508	ng	100
75) Fluoranthene	12.533	202	197453	11.008	ng	98
77) Benzidine	12.663	184	99315	16.496	ng	98
78) Pyrene	12.763	202	204935	9.540	ng	99
80) Butylbenzylphthalate	13.392	149	71433	9.367	ng	95
81) Benzo(a)anthracene	13.962	228	155634	10.309	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	44911	10.984	ng	# 95
83) Chrysene	13.998	228	146434	10.039	ng	97
84) Bis(2-ethylhexyl)phtha...	13.957	149	85786	9.000	ng	98
85) Di-n-octyl phthalate	14.568	149	126694	8.529	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	99191	8.594	ng	98
88) Benzo(b)fluoranthene	15.015	252	114622	10.516	ng	98
89) Benzo(k)fluoranthene	15.045	252	109728	10.764	ng	98
90) Benzo(a)pyrene	15.386	252	93576	10.159	ng	96
91) Dibenzo(a,h)anthracene	16.962	278	82965	8.767	ng	97
92) Benzo(g,h,i)perylene	17.398	276	82842	8.508	ng	98

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

