

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136529.D
 Acq On : 12 Dec 2023 22:06
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 23:21:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	86955	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	321886	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	150101	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	246765	20.000	ng	0.00
76) Chrysene-d12	13.980	240	220677	20.000	ng	0.00
86) Perylene-d12	15.456	264	213219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	457257	77.660	ng	0.00
7) Phenol-d6	6.439	99	546103	74.339	ng	0.00
23) Nitrobenzene-d5	7.363	82	467227	78.470	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	127843	69.076	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	896740	81.519	ng	-0.01
79) Terphenyl-d14	12.915	244	924975	55.246	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	96036	41.237	ng	97
3) Pyridine	3.298	79	248963	44.144	ng	96
4) n-Nitrosodimethylamine	3.269	42	95969	39.167	ng	98
6) Aniline	6.463	93	333460	44.916	ng	98
8) 2-Chlorophenol	6.586	128	239252	37.221	ng	99
9) Benzaldehyde	6.351	77	148492	39.994	ng	95
10) Phenol	6.457	94	291989	37.353	ng	85
11) bis(2-Chloroethyl)ether	6.539	93	210400	36.110	ng	96
12) 1,3-Dichlorobenzene	6.739	146	246991	34.168	ng	97
13) 1,4-Dichlorobenzene	6.816	146	250809	34.203	ng	99
14) 1,2-Dichlorobenzene	6.969	146	238511	34.589	ng	98
15) Benzyl Alcohol	6.939	79	186883	37.991	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	248600	33.174	ng	97
17) 2-Methylphenol	7.057	107	198282	38.182	ng	98
18) Hexachloroethane	7.304	117	81151	31.697	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	145424	34.317	ng	99
20) 3+4-Methylphenols	7.210	107	245073	38.020	ng	95
22) Acetophenone	7.204	105	311239	39.157	ng	97
24) Nitrobenzene	7.381	77	226665	37.842	ng	94
25) Isophorone	7.616	82	393523	36.787	ng	98
26) 2-Nitrophenol	7.692	139	114582	38.911	ng	95
27) 2,4-Dimethylphenol	7.733	122	180970	49.841	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	246230	37.459	ng	97
29) 2,4-Dichlorophenol	7.933	162	182267	38.030	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	202397	36.217	ng	100
31) Naphthalene	8.098	128	655294	36.916	ng	99
32) Benzoic acid	7.839	122	113008m	31.374	ng	
33) 4-Chloroaniline	8.145	127	271993	42.981	ng	98
34) Hexachlorobutadiene	8.210	225	116656	35.222	ng	100
35) Caprolactam	8.516	113	54745m	37.092	ng	
36) 4-Chloro-3-methylphenol	8.633	107	186508	36.651	ng	98
37) 2-Methylnaphthalene	8.786	142	427666	37.871	ng	96
38) 1-Methylnaphthalene	8.886	142	394717	35.620	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	194076	41.559	ng	98
41) Hexachlorocyclopentadiene	8.939	237	20712	11.972	ng	93
43) 2,4,6-Trichlorophenol	9.069	196	118655	39.023	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	135319	39.874	ng	94
46) 1,1'-Biphenyl	9.251	154	518952	40.632	ng	96
47) 2-Chloronaphthalene	9.275	162	373484	37.571	ng	98
48) 2-Nitroaniline	9.374	65	108071	40.534	ng	96
49) Acenaphthylene	9.692	152	562584	39.728	ng	98
50) Dimethylphthalate	9.557	163	443978	40.176	ng	99
51) 2,6-Dinitrotoluene	9.622	165	95682	38.486	ng	90
52) Acenaphthene	9.863	154	346434	38.177	ng	95
53) 3-Nitroaniline	9.786	138	105140	41.414	ng	89
54) 2,4-Dinitrophenol	9.898	184	8195	6.520	ng	# 92
55) Dibenzofuran	10.039	168	517295	39.022	ng	98
56) 4-Nitrophenol	9.951	139	65364	34.344	ng	97
57) 2,4-Dinitrotoluene	10.022	165	116797	35.513	ng	97
58) Fluorene	10.380	166	389915	36.641	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	95848	35.259	ng	99
60) Diethylphthalate	10.257	149	407919	37.538	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	196678	37.913	ng	97
62) 4-Nitroaniline	10.398	138	100824	39.995	ng	96
63) Azobenzene	10.533	77	350585	35.445	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	19456	12.731	ng	86
66) n-Nitrosodiphenylamine	10.492	169	341415	43.118	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	116142	40.481	ng	99
68) Hexachlorobenzene	10.927	284	122423	36.919	ng	98
69) Atrazine	11.021	200	62993	27.873	ng	99
70) Pentachlorophenol	11.127	266	62546	33.421	ng	98
71) Phenanthrene	11.345	178	544941	40.178	ng	98
72) Anthracene	11.398	178	553594	40.523	ng	98
73) Carbazole	11.557	167	478454	39.570	ng	99
74) Di-n-butylphthalate	11.892	149	564814	38.105	ng	99
75) Fluoranthene	12.539	202	578522	40.702	ng	99
77) Benzidine	12.668	184	168798	35.978	ng	99
78) Pyrene	12.768	202	604252	27.959	ng	97
80) Butylbenzylphthalate	13.398	149	240292	31.233	ng	99
81) Benzo(a)anthracene	13.968	228	598836	38.957	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	208992	48.491	ng	99
83) Chrysene	14.004	228	578718	38.266	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	329761	34.963	ng	98
85) Di-n-octyl phthalate	14.580	149	612624	43.974	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	412002	27.814	ng	99
88) Benzo(b)fluoranthene	15.027	252	557261	38.225	ng	99
89) Benzo(k)fluoranthene	15.056	252	541382	39.405	ng	98
90) Benzo(a)pyrene	15.398	252	492430	40.901	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	356496	29.377	ng	97
92) Benzo(g,h,i)perylene	17.415	276	321337	25.799	ng	98

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

