

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136531.D
 Acq On : 13 Dec 2023 11:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 13 11:59:47 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	105571	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	423071	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	218019	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	406258	20.000	ng	0.00
76) Chrysene-d12	13.974	240	219503	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	201173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	527628	73.810	ng	0.00
7) Phenol-d6	6.445	99	660711	74.080	ng	0.00
23) Nitrobenzene-d5	7.363	82	595082	76.040	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	205460	76.431	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1221192	76.430	ng	0.00
79) Terphenyl-d14	12.921	244	1359692	81.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	107350	37.967	ng	94
3) Pyridine	3.304	79	281553	41.119	ng	94
4) n-Nitrosodimethylamine	3.275	42	111310	37.417	ng	97
6) Aniline	6.463	93	415097	46.053	ng	94
8) 2-Chlorophenol	6.586	128	292821	37.522	ng	98
9) Benzaldehyde	6.351	77	179383	39.735	ng	96
10) Phenol	6.457	94	358850	37.812	ng	88
11) bis(2-Chloroethyl)ether	6.539	93	261056	36.903	ng	97
12) 1,3-Dichlorobenzene	6.739	146	303240	34.552	ng	96
13) 1,4-Dichlorobenzene	6.816	146	308310	34.630	ng	99
14) 1,2-Dichlorobenzene	6.969	146	288733	34.488	ng	98
15) Benzyl Alcohol	6.945	79	232654	38.955	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	312005	34.293	ng	95
17) 2-Methylphenol	7.057	107	249858	39.629	ng	97
18) Hexachloroethane	7.304	117	106913	34.396	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	189945	36.919	ng	96
20) 3+4-Methylphenols	7.210	107	301098	38.475	ng	96
22) Acetophenone	7.210	105	393127	37.630	ng	98
24) Nitrobenzene	7.381	77	288098	36.595	ng	98
25) Isophorone	7.616	82	524459	37.301	ng	99
26) 2-Nitrophenol	7.692	139	153025	39.538	ng	98
27) 2,4-Dimethylphenol	7.733	122	234893	49.219	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	319125	36.937	ng	97
29) 2,4-Dichlorophenol	7.939	162	244197	38.766	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	265710	36.174	ng	98
31) Naphthalene	8.098	128	861682	36.933	ng	99
32) Benzoic acid	7.863	122	174524m	36.864	ng	
33) 4-Chloroaniline	8.151	127	363737	43.731	ng	98
34) Hexachlorobutadiene	8.210	225	153414	35.242	ng	100
35) Caprolactam	8.528	113	75679	39.012	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	259174	38.750	ng	99
37) 2-Methylnaphthalene	8.786	142	584223	39.361	ng	94
38) 1-Methylnaphthalene	8.886	142	539146	37.017	ng	96
40) 1,2,4,5-Tetrachloroben...	8.957	216	267408	39.424	ng	99
41) Hexachlorocyclopentadiene	8.939	237	104733	41.678	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	168486	38.149	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	199268	40.425	ng	97
46) 1,1'-Biphenyl	9.257	154	715357	38.561	ng	98
47) 2-Chloronaphthalene	9.280	162	519485	35.978	ng	98
48) 2-Nitroaniline	9.380	65	153526	39.645	ng	88
49) Acenaphthylene	9.692	152	821687	39.949	ng	98
50) Dimethylphthalate	9.563	163	626585	39.036	ng	99
51) 2,6-Dinitrotoluene	9.622	165	139698	38.686	ng	97
52) Acenaphthene	9.869	154	509283	38.639	ng	96
53) 3-Nitroaniline	9.792	138	152847	41.450	ng	95
54) 2,4-Dinitrophenol	9.898	184	65556	35.906	ng	# 88
55) Dibenzofuran	10.039	168	758126	39.373	ng	100
56) 4-Nitrophenol	9.957	139	105969	38.334	ng	98
57) 2,4-Dinitrotoluene	10.027	165	184004	38.518	ng	98
58) Fluorene	10.386	166	583526	37.753	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	152155	38.536	ng	99
60) Diethylphthalate	10.257	149	594215	37.647	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	289487	38.419	ng	98
62) 4-Nitroaniline	10.410	138	150444	41.088	ng	95
63) Azobenzene	10.539	77	539248	37.535	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	101849	40.480	ng	88
66) n-Nitrosodiphenylamine	10.498	169	515454	39.541	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	186228	39.427	ng	98
68) Hexachlorobenzene	10.933	284	198227	36.311	ng	# 92
69) Atrazine	11.027	200	136386	36.656	ng	99
70) Pentachlorophenol	11.127	266	111267	36.113	ng	96
71) Phenanthrene	11.351	178	882544	39.523	ng	98
72) Anthracene	11.404	178	909364	40.433	ng	99
73) Carbazole	11.557	167	775920	38.979	ng	99
74) Di-n-butylphthalate	11.892	149	911422	37.349	ng	100
75) Fluoranthene	12.545	202	882020	37.693	ng	99
77) Benzidine	12.668	184	144154	32.751	ng	99
78) Pyrene	12.774	202	896807	41.717	ng	98
80) Butylbenzylphthalate	13.398	149	309415	40.432	ng	94
81) Benzo(a)anthracene	13.968	228	613524	40.127	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	195393	45.579	ng	99
83) Chrysene	14.004	228	579566	38.527	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	366302	39.045	ng	99
85) Di-n-octyl phthalate	14.574	149	479523	34.604	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	581222	41.587	ng	99
88) Benzo(b)fluoranthene	15.021	252	461181	33.529	ng	100
89) Benzo(k)fluoranthene	15.051	252	477537	36.840	ng	100
90) Benzo(a)pyrene	15.392	252	462144	40.684	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	475727	41.550	ng	99
92) Benzo(g,h,i)perylene	17.415	276	490110	41.705	ng	99

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

