

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136818.D
 Acq On : 29 Dec 2023 09:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/01/2024
 Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 29 10:01:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	67235	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	263160	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	131466	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	236489	20.000	ng	0.00
76) Chrysene-d12	13.968	240	125626	20.000	ng	0.00
86) Perylene-d12	15.451	264	126926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	362005	84.008	ng	0.00
7) Phenol-d6	6.434	99	447936	80.223	ng	0.00
23) Nitrobenzene-d5	7.351	82	407546	79.247	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	119576	77.230	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	801224	81.971	ng	0.00
79) Terphenyl-d14	12.910	244	730419	81.252	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	74376	41.425	ng	96
3) Pyridine	3.293	79	180784	41.268	ng	99
4) n-Nitrosodimethylamine	3.263	42	92572	39.571	ng	98
6) Aniline	6.451	93	220824	39.556	ng	# 43
8) 2-Chlorophenol	6.575	128	192045	40.725	ng	98
9) Benzaldehyde	6.340	77	127009	39.991	ng	95
10) Phenol	6.445	94	240301	40.315	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	181142	39.961	ng	97
12) 1,3-Dichlorobenzene	6.728	146	211083	41.033	ng	98
13) 1,4-Dichlorobenzene	6.804	146	214736	40.853	ng	98
14) 1,2-Dichlorobenzene	6.957	146	201661	41.231	ng	98
15) Benzyl Alcohol	6.934	79	155418	41.259	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	285082	38.467	ng	98
17) 2-Methylphenol	7.045	107	155879	39.902	ng	99
18) Hexachloroethane	7.292	117	77228	40.456	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	129637	38.300	ng	96
20) 3+4-Methylphenols	7.198	107	193819	39.713	ng	96
22) Acetophenone	7.198	105	264900	40.160	ng	# 96
24) Nitrobenzene	7.369	77	206020	39.991	ng	99
25) Isophorone	7.604	82	362951	38.786	ng	99
26) 2-Nitrophenol	7.681	139	102136	41.438	ng	96
27) 2,4-Dimethylphenol	7.722	122	120420	40.130	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	224450	39.459	ng	99
29) 2,4-Dichlorophenol	7.928	162	156160	40.422	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	172526	40.082	ng	97
31) Naphthalene	8.086	128	578602	40.021	ng	100
32) Benzoic acid	7.857	122	110055m	37.905	ng	
33) 4-Chloroaniline	8.139	127	204734	38.355	ng	96
34) Hexachlorobutadiene	8.198	225	104523	39.968	ng	98
35) Caprolactam	8.522	113	55734	43.732	ng	91
36) 4-Chloro-3-methylphenol	8.628	107	170068	39.104	ng	97
37) 2-Methylnaphthalene	8.775	142	367963	39.548	ng	99
38) 1-Methylnaphthalene	8.875	142	353653	38.742	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	170488	41.874	ng	99
41) Hexachlorocyclopentadiene	8.928	237	40021	33.840	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	108120	41.408	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	117109	40.248	ng	97
46) 1,1'-Biphenyl	9.245	154	456110	41.344	ng	98
47) 2-Chloronaphthalene	9.269	162	345301	41.172	ng	98
48) 2-Nitroaniline	9.369	65	102352	38.972	ng	94
49) Acenaphthylene	9.680	152	520026	40.567	ng	100
50) Dimethylphthalate	9.545	163	385221	40.116	ng	99
51) 2,6-Dinitrotoluene	9.616	165	87864	40.317	ng	93
52) Acenaphthene	9.857	154	318766	40.115	ng	99
53) 3-Nitroaniline	9.780	138	91081	39.453	ng	96
54) 2,4-Dinitrophenol	9.898	184	51009	43.995	ng	98
55) Dibenzofuran	10.028	168	474917	39.427	ng	99
56) 4-Nitrophenol	9.957	139	66114	42.423	ng	96
57) 2,4-Dinitrotoluene	10.022	165	110700	39.128	ng	93
58) Fluorene	10.375	166	379305	39.686	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	84319	37.645	ng	99
60) Diethylphthalate	10.245	149	385709	38.713	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	183793	39.563	ng	99
62) 4-Nitroaniline	10.398	138	81931m	36.814	ng	
63) Azobenzene	10.527	77	359647	38.648	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	57775	42.628	ng	87
66) n-Nitrosodiphenylamine	10.486	169	324770	42.275	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	109668	41.756	ng	96
68) Hexachlorobenzene	10.922	284	122706	41.924	ng	97
69) Atrazine	11.016	200	69431	35.336	ng	100
70) Pentachlorophenol	11.122	266	50506	37.021	ng	98
71) Phenanthrene	11.339	178	498027	41.042	ng	100
72) Anthracene	11.392	178	505619	41.144	ng	99
73) Carbazole	11.551	167	458670	39.588	ng	100
74) Di-n-butylphthalate	11.880	149	561856	39.741	ng	99
75) Fluoranthene	12.533	202	503803	38.815	ng	98
77) Benzidine	12.657	184	140641	37.968	ng	98
78) Pyrene	12.763	202	502650	40.759	ng	100
80) Butylbenzylphthalate	13.386	149	187618	41.810	ng	98
81) Benzo(a)anthracene	13.963	228	364202	41.750	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	111698	45.088	ng	98
83) Chrysene	13.998	228	341214	39.999	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	248499	44.014	ng	# 95
85) Di-n-octyl phthalate	14.568	149	395703	45.309	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	399507	43.594	ng	99
88) Benzo(b)fluoranthene	15.021	252	330704	39.010	ng	98
89) Benzo(k)fluoranthene	15.045	252	299443	37.382	ng	98
90) Benzo(a)pyrene	15.392	252	285042	39.833	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	328584	43.704	ng	99
92) Benzo(g,h,i)perylene	17.427	276	339320	44.065	ng	98

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

