

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136809.D
 Acq On : 28 Dec 2023 23:24
 Operator : CG\JU
 Sample : 05671-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-35MS

Quant Time: Dec 28 23:54:48 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77973	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	287657	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	123850	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	181640	20.000	ng	0.00
76) Chrysene-d12	13.969	240	148877	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	143597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	427955	85.636	ng	0.00
7) Phenol-d6	6.434	99	530714	81.959	ng	0.00
23) Nitrobenzene-d5	7.345	82	332356	59.123	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	104635	71.736	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	579865	62.972	ng	-0.01
79) Terphenyl-d14	12.898	244	421346	39.551	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	63367	30.433	ng	96
3) Pyridine	3.334	79	157652	31.032	ng	93
4) n-Nitrosodimethylamine	3.299	42	96733	35.655	ng	97
6) Aniline	6.451	93	154889	23.924	ng	# 39
8) 2-Chlorophenol	6.575	128	212888	38.928	ng	92
9) Benzaldehyde	6.340	77	70320	19.092	ng	97
10) Phenol	6.446	94	255431	36.952	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	199032	37.861	ng	98
12) 1,3-Dichlorobenzene	6.722	146	213653	35.813	ng	98
13) 1,4-Dichlorobenzene	6.798	146	218730	35.882	ng	99
14) 1,2-Dichlorobenzene	6.951	146	205610	36.249	ng	99
15) Benzyl Alcohol	6.934	79	178742	40.916	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	315277	36.683	ng	87
17) 2-Methylphenol	7.045	107	167093	36.882	ng	98
18) Hexachloroethane	7.287	117	76600	34.601	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	142844	36.390	ng	99
20) 3+4-Methylphenols	7.198	107	207299	36.625	ng	# 79
22) Acetophenone	7.193	105	295600	40.998	ng	93
24) Nitrobenzene	7.369	77	214040	38.009	ng	94
25) Isophorone	7.604	82	382962	37.439	ng	99
26) 2-Nitrophenol	7.681	139	107508	39.903	ng	99
27) 2,4-Dimethylphenol	7.722	122	161023	49.091	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	245923	39.553	ng	99
29) 2,4-Dichlorophenol	7.928	162	162154	38.399	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	177841	37.798	ng	97
31) Naphthalene	8.081	128	600443	37.995	ng	99
32) Benzoic acid	7.857	122	114625	36.117	ng	99
33) 4-Chloroaniline	8.134	127	93869	16.088	ng	97
34) Hexachlorobutadiene	8.192	225	104996	36.730	ng	96
35) Caprolactam	8.510	113	51320m	36.839	ng	
36) 4-Chloro-3-methylphenol	8.628	107	164743	34.654	ng	99
37) 2-Methylnaphthalene	8.775	142	366238	36.010	ng	98
38) 1-Methylnaphthalene	8.875	142	353750	35.453	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	177307	46.227	ng	99
41) Hexachlorocyclopentadiene	8.922	237	60039	50.986	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	107236	43.595	ng	99

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44) 2,4,5-Trichlorophenol	9.104	196	104718	38.203	ng	98
46) 1,1'-Biphenyl	9.239	154	473481	45.558	ng	98
47) 2-Chloronaphthalene	9.263	162	334575	42.347	ng	99
48) 2-Nitroaniline	9.363	65	101723	41.115	ng	98
49) Acenaphthylene	9.681	152	529716	43.864	ng	100
50) Dimethylphthalate	9.545	163	385594	42.624	ng	100
51) 2,6-Dinitrotoluene	9.610	165	80098	39.014	ng	95
52) Acenaphthene	9.851	154	300631	40.160	ng	99
53) 3-Nitroaniline	9.775	138	65036	29.904	ng	96
54) 2,4-Dinitrophenol	9.892	184	53120	48.240	ng	99
55) Dibenzofuran	10.028	168	453068	39.926	ng	97
56) 4-Nitrophenol	9.951	139	86956	59.228	ng	97
57) 2,4-Dinitrotoluene	10.016	165	94491	35.453	ng	93
58) Fluorene	10.369	166	344128	38.220	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	78668	37.282	ng	95
60) Diethylphthalate	10.245	149	363662	38.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	168199	38.432	ng	92
62) 4-Nitroaniline	10.392	138	60898m	29.046	ng	
63) Azobenzene	10.522	77	316938	36.153	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	36141	34.718	ng	94
66) n-Nitrosodiphenylamine	10.481	169	291831	49.459	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	92754	45.980	ng	96
68) Hexachlorobenzene	10.916	284	95567	42.511	ng	98
69) Atrazine	11.016	200	79991	53.003	ng	95
70) Pentachlorophenol	11.116	266	79804	76.161	ng	95
71) Phenanthrene	11.333	178	517107	55.483	ng	99
72) Anthracene	11.386	178	418730	44.363	ng	99
73) Carbazole	11.545	167	367522	41.299	ng	100
74) Di-n-butylphthalate	11.875	149	472094	43.475	ng	100
75) Fluoranthene	12.527	202	602658	60.452	ng	98
77) Benzidine	12.651	184	63455	14.455	ng	97
78) Pyrene	12.757	202	596129	40.789	ng	100
80) Butylbenzylphthalate	13.380	149	186658	35.100	ng	95
81) Benzo(a)anthracene	13.957	228	514037	49.724	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	118593	40.395	ng	99
83) Chrysene	13.992	228	483034	47.781	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	276552	41.333	ng	98
85) Di-n-octyl phthalate	14.563	149	516844	49.937	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	367495	35.445	ng	97
88) Benzo(b)fluoranthene	15.016	252	494840	51.594	ng	98
89) Benzo(k)fluoranthene	15.045	252	413676	45.647	ng	99
90) Benzo(a)pyrene	15.386	252	388742	48.018	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	283059	33.278	ng	99
92) Benzo(g,h,i)perylene	17.404	276	286438	32.879	ng	98

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

