

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136059.D
 Acq On : 31 Oct 2023 19:08
 Operator : CG\JU
 Sample : 04974-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Nov 01 00:35:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

11/01/2023

Supervised By :mohammad
 ahmed

11/01/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	132594	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	475274	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	200953	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	350321	20.000	ng	0.00
76) Chrysene-d12	14.021	240	301294	20.000	ng	0.00
86) Perylene-d12	15.509	264	272198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	892376	105.758	ng	0.01
7) Phenol-d6	6.463	99	1062063	101.022	ng	0.00
23) Nitrobenzene-d5	7.386	82	615070	78.014	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	235150	109.631	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1011181	80.214	ng	0.00
79) Terphenyl-d14	12.957	244	1127763	58.168	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	166609	45.345	ng	99
3) Pyridine	3.416	79	394843	39.370	ng	99
4) n-Nitrosodimethylamine	3.381	42	197760	47.163	ng	94
6) Aniline	6.504	93	414054	30.420	ng	98
8) 2-Chlorophenol	6.610	128	415826	46.095	ng	99
9) Benzaldehyde	6.375	77	139887	23.863	ng	99
10) Phenol	6.475	94	481419m	44.273	ng	
11) bis(2-Chloroethyl)ether	6.563	93	410730	48.249	ng	98
12) 1,3-Dichlorobenzene	6.769	146	447008	47.609	ng	99
13) 1,4-Dichlorobenzene	6.845	146	450356	47.862	ng	100
14) 1,2-Dichlorobenzene	6.992	146	426468	48.471	ng	97
15) Benzyl Alcohol	6.969	79	327717	43.963	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	539904	46.078	ng	99
17) 2-Methylphenol	7.081	107	309671	40.465	ng	98
18) Hexachloroethane	7.333	117	146194	44.205	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	254728	42.405	ng	95
20) 3+4-Methylphenols	7.233	107	367884	39.422	ng	96
22) Acetophenone	7.233	105	514463	48.816	ng	# 89
24) Nitrobenzene	7.410	77	383696	48.113	ng	100
25) Isophorone	7.645	82	686616	46.130	ng	100
26) 2-Nitrophenol	7.722	139	192532	52.914	ng	97
27) 2,4-Dimethylphenol	7.763	122	279521	40.654	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	438523	48.085	ng	99
29) 2,4-Dichlorophenol	7.963	162	297410	45.883	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	340875	48.207	ng	99
31) Naphthalene	8.128	128	1059955	46.249	ng	99
32) Benzoic acid	7.869	122	226969	41.931	ng	98
33) 4-Chloroaniline	8.180	127	239463	23.858	ng	97
34) Hexachlorobutadiene	8.245	225	200240	49.380	ng	99
35) Caprolactam	8.545	113	92204m	43.747	ng	
36) 4-Chloro-3-methylphenol	8.657	107	289510	42.544	ng	97
37) 2-Methylnaphthalene	8.822	142	641821	41.765	ng	99
38) 1-Methylnaphthalene	8.922	142	608121	42.523	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	305550	53.315	ng	99
41) Hexachlorocyclopentadiene	8.975	237	93711	30.607	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	189384	50.682	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	201355	46.518	ng	99
46) 1,1'-Biphenyl	9.286	154	780452	50.947	ng	99
47) 2-Chloronaphthalene	9.310	162	582470	51.577	ng	99
48) 2-Nitroaniline	9.404	65	166601	49.848	ng	98
49) Acenaphthylene	9.727	152	884276	50.193	ng	99
50) Dimethylphthalate	9.592	163	664508	50.132	ng	99
51) 2,6-Dinitrotoluene	9.651	165	139054	49.049	ng	98
52) Acenaphthene	9.898	154	548383m	48.964	ng	99
53) 3-Nitroaniline	9.816	138	133155	40.253	ng	92
54) 2,4-Dinitrophenol	9.922	184	59854	43.048	ng	93
55) Dibenzofuran	10.074	168	780860	47.815	ng	99
56) 4-Nitrophenol	9.980	139	246741	99.718	ng	99
57) 2,4-Dinitrotoluene	10.057	165	174872	48.752	ng	87
58) Fluorene	10.416	166	590777	48.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	158042	45.925	ng	100
60) Diethylphthalate	10.292	149	601703	47.509	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	279176	45.740	ng	98
62) 4-Nitroaniline	10.433	138	135340	42.489	ng	94
63) Azobenzene	10.569	77	550561	45.139	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	43184	25.519	ng	96
66) n-Nitrosodiphenylamine	10.527	169	508198	48.089	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	175216	47.706	ng	97
68) Hexachlorobenzene	10.963	284	199354	50.821	ng	# 91
69) Atrazine	11.063	200	171780	59.743	ng	98
70) Pentachlorophenol	11.163	266	236369	93.826	ng	96
71) Phenanthrene	11.386	178	1186425	67.262	ng	98
72) Anthracene	11.433	178	953472	52.753	ng	100
73) Carbazole	11.592	167	837894	53.347	ng	99
74) Di-n-butylphthalate	11.933	149	909213	50.661	ng	100
75) Fluoranthene	12.580	202	1438748	79.399	ng	100
77) Benzidine	12.704	184	405091	68.981	ng	99
78) Pyrene	12.810	202	1417423	53.360	ng	100
80) Butylbenzylphthalate	13.439	149	415566	43.705	ng	99
81) Benzo(a)anthracene	14.009	228	1144283	57.368	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	354361	55.662	ng	99
83) Chrysene	14.045	228	1069557	54.448	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	517804	46.742	ng	99
85) Di-n-octyl phthalate	14.627	149	1020304	61.481	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	725770	40.797	ng	99
88) Benzo(b)fluoranthene	15.074	252	989289	61.422	ng	99
89) Benzo(k)fluoranthene	15.104	252	819755	51.439	ng	98
90) Benzo(a)pyrene	15.445	252	771629	51.561	ng	99
91) Dibenzo(a,h)anthracene	17.050	278	568895	39.040	ng	99
92) Benzo(g,h,i)perylene	17.492	276	576958	35.574	ng	98

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

