

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140189.D
 Acq On : 31 Oct 2024 15:14
 Operator : RC/JU
 Sample : P4611-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 16:20:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	97432	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	389245	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	226688	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	395242	20.000	ng	0.00
76) Chrysene-d12	14.086	240	203591	20.000	ng	0.04
86) Perylene-d12	15.610	264	197882	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	865720	139.100	ng	0.02
7) Phenol-d6	6.516	99	1049223	130.164	ng	0.00
23) Nitrobenzene-d5	7.451	82	822622	117.131	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	375630	177.153	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	1496173	109.080	ng	0.00
79) Terphenyl-d14	13.016	244	1468155	117.507	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	98160	33.827	ng	# 80
3) Pyridine	3.528	79	249063	34.627	ng	98
4) n-Nitrosodimethylamine	3.463	42	162645	42.087	ng	# 95
6) Aniline	6.551	93	263788	35.113	ng	99
8) 2-Chlorophenol	6.669	128	327775	51.516	ng	99
9) Benzaldehyde	6.434	77	34422	7.591	ng	98
10) Phenol	6.528	94	364954m	43.916	ng	
11) bis(2-Chloroethyl)ether	6.622	93	309423	48.173	ng	100
12) 1,3-Dichlorobenzene	6.828	146	256315	35.094	ng	100
13) 1,4-Dichlorobenzene	6.904	146	264444	36.241	ng	99
14) 1,2-Dichlorobenzene	7.057	146	264318	38.812	ng	98
15) Benzyl Alcohol	7.022	79	338999	57.332	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	484464	44.233	ng	97
17) 2-Methylphenol	7.134	107	283574	52.268	ng	98
18) Hexachloroethane	7.398	117	91346	35.105	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	253506	51.854	ng	98
20) 3+4-Methylphenols	7.287	107	354404	51.071	ng	# 82
22) Acetophenone	7.293	105	464868	48.760	ng	97
24) Nitrobenzene	7.469	77	374021	48.574	ng	100
25) Isophorone	7.704	82	720513	54.053	ng	100
26) 2-Nitrophenol	7.781	139	179419	61.765	ng	98
27) 2,4-Dimethylphenol	7.816	122	297736	61.468	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	411827	50.993	ng	99
29) 2,4-Dichlorophenol	8.022	162	302062	54.750	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	264351	43.302	ng	99
31) Naphthalene	8.187	128	934508	46.551	ng	100
32) Benzoic acid	7.928	122	237775	56.282	ng	100
33) 4-Chloroaniline	8.234	127	131928	19.273	ng	98
34) Hexachlorobutadiene	8.304	225	158464	41.313	ng	99
35) Caprolactam	8.610	113	92589m	52.779	ng	
36) 4-Chloro-3-methylphenol	8.716	107	356745	58.396	ng	99
37) 2-Methylnaphthalene	8.881	142	647278	52.647	ng	100
38) 1-Methylnaphthalene	8.981	142	611102	50.661	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	309990	50.688	ng	99
41) Hexachlorocyclopentadiene	9.034	237	328573	154.407	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	245015	56.588	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	254053	56.871	ng	99
46) 1,1'-Biphenyl	9.345	154	833767	52.834	ng	99
47) 2-Chloronaphthalene	9.375	162	659748	51.908	ng	99
48) 2-Nitroaniline	9.469	65	256172	65.900	ng	96
49) Acenaphthylene	9.792	152	1069997	58.231	ng	99
50) Dimethylphthalate	9.651	163	842823	59.690	ng	100
51) 2,6-Dinitrotoluene	9.710	165	185787	60.769	ng	98
52) Acenaphthene	9.963	154	770840	64.849	ng	98
53) 3-Nitroaniline	9.881	138	129538	41.087	ng	99
54) 2,4-Dinitrophenol	9.992	184	232474	174.612	ng	# 1
55) Dibenzofuran	10.139	168	942827	55.283	ng	100
56) 4-Nitrophenol	10.045	139	281356	115.995	ng	97
57) 2,4-Dinitrotoluene	10.122	165	250582	66.651	ng	97
58) Fluorene	10.481	166	740598	57.014	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	212705	60.738	ng	99
60) Diethylphthalate	10.357	149	814345	58.739	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	368675	56.202	ng	98
62) 4-Nitroaniline	10.504	138	190016	63.814	ng	97
63) Azobenzene	10.633	77	831026	56.541	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	145347	90.156	ng	91
66) n-Nitrosodiphenylamine	10.592	169	687229	58.095	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	239076	58.716	ng	98
68) Hexachlorobenzene	11.028	284	267008	58.307	ng	100
69) Atrazine	11.122	200	228049	71.167	ng	98
70) Pentachlorophenol	11.228	266	321050	115.518	ng	99
71) Phenanthrene	11.451	178	1066747	57.138	ng	100
72) Anthracene	11.498	178	1077410	59.148	ng	100
73) Carbazole	11.651	167	935643	55.230	ng	99
74) Di-n-butylphthalate	11.980	149	1178683	60.222	ng	100
75) Fluoranthene	12.639	202	1001127	53.044	ng	99
77) Benzidine	12.757	184	70914	21.183	ng	100
78) Pyrene	12.869	202	983012	55.160	ng	100
80) Butylbenzylphthalate	13.492	149	395943	74.108	ng	99
81) Benzo(a)anthracene	14.074	228	784356	59.183	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	191076	49.448	ng	100
83) Chrysene	14.110	228	734563	60.450	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	505320	84.300	ng	99
85) Di-n-octyl phthalate	14.710	149	795925	73.001	ng	97
87) Indeno(1,2,3-cd)pyrene	17.139	276	605951	47.599	ng	97
88) Benzo(b)fluoranthene	15.168	252	719241	59.668	ng	99
89) Benzo(k)fluoranthene	15.198	252	661525	63.635	ng	99
90) Benzo(a)pyrene	15.545	252	630980	63.616	ng	99
91) Dibenzo(a,h)anthracene	17.162	278	502418	47.309	ng	98
92) Benzo(g,h,i)perylene	17.604	276	438468	41.334	ng	98

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

