

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140625.D
 Acq On : 26 Nov 2024 01:06
 Operator : RC/JU
 Sample : P4954-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112124MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 02:01:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62517	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	215825	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	101277	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	165277	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	86883	20.000	ng	0.00
86) Perylene-d12	15.533	264	74399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	387243	105.686	ng	0.00
7) Phenol-d6	6.510	99	495563	102.304	ng	0.00
23) Nitrobenzene-d5	7.434	82	315302	74.726	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	102925	95.022	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	517304	76.103	ng	0.00
79) Terphenyl-d14	12.986	244	400424	71.765	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	68835	44.682	ng	97
3) Pyridine	3.416	79	168216	49.627	ng	100
4) n-Nitrosodimethylamine	3.363	42	93466	46.917	ng	97
6) Aniline	6.534	93	90280	26.479	ng	# 39
8) 2-Chlorophenol	6.663	128	188946	47.931	ng	96
9) Benzaldehyde	6.422	77	108840	42.444	ng	# 72
10) Phenol	6.528	94	243479	49.218	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	189105	49.955	ng	98
12) 1,3-Dichlorobenzene	6.816	146	200489	45.263	ng	99
13) 1,4-Dichlorobenzene	6.893	146	201989	45.037	ng	99
14) 1,2-Dichlorobenzene	7.040	146	191220	45.501	ng	98
15) Benzyl Alcohol	7.016	79	171488	47.738	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	206644	46.206	ng	78
17) 2-Methylphenol	7.134	107	142438	45.139	ng	92
18) Hexachloroethane	7.387	117	112348	67.070	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	147316	51.459	ng	98
20) 3+4-Methylphenols	7.287	107	194305	47.906	ng	99
22) Acetophenone	7.281	105	380234	72.264	ng	95
24) Nitrobenzene	7.457	77	200661	46.014	ng	98
25) Isophorone	7.692	82	380067	54.005	ng	# 91
26) 2-Nitrophenol	7.775	139	91092	47.135	ng	# 92
27) 2,4-Dimethylphenol	7.810	122	140978m	60.970	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	202937	47.334	ng	# 90
29) 2,4-Dichlorophenol	8.022	162	150820	49.224	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	150565	43.039	ng	99
31) Naphthalene	8.181	128	568970	51.181	ng	97
32) Benzoic acid	7.928	122	74588	38.706	ng	# 3
33) 4-Chloroaniline	8.234	127	53687	16.130	ng	# 84
34) Hexachlorobutadiene	8.292	225	103307	44.584	ng	99
35) Caprolactam	8.575	113	67585	71.278	ng	# 1
36) 4-Chloro-3-methylphenol	8.716	107	149535	43.590	ng	98
37) 2-Methylnaphthalene	8.869	142	405732	57.461	ng	100
38) 1-Methylnaphthalene	8.969	142	338940	48.971	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	145097	48.938	ng	99
41) Hexachlorocyclopentadiene	9.022	237	4384	13.271	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	90950	48.886	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	90531	44.837	ng	# 79
46) 1,1'-Biphenyl	9.334	154	408689	54.049	ng	99
47) 2-Chloronaphthalene	9.363	162	268779	46.912	ng	99
48) 2-Nitroaniline	9.457	65	97960	53.267	ng	94
49) Acenaphthylene	9.775	152	431740	49.873	ng	97
50) Dimethylphthalate	9.628	163	314478	47.148	ng	# 98
51) 2,6-Dinitrotoluene	9.698	165	67674	44.736	ng	97
52) Acenaphthene	9.951	154	267560	48.643	ng	97
53) 3-Nitroaniline	9.869	138	47707	32.245	ng	# 95
54) 2,4-Dinitrophenol	9.986	184	9449	18.704	ng	# 56
55) Dibenzofuran	10.122	168	385064	45.896	ng	96
56) 4-Nitrophenol	10.039	139	96185	95.324	ng	93
57) 2,4-Dinitrotoluene	10.104	165	90196	44.863	ng	# 94
58) Fluorene	10.463	166	307685	45.688	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	69235	44.617	ng	# 73
60) Diethylphthalate	10.328	149	301168	44.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	142383	43.082	ng	93
62) 4-Nitroaniline	10.481	138	53136	34.243	ng	90
63) Azobenzene	10.616	77	333601	51.982	ng	87
65) 4,6-Dinitro-2-methylph...	10.516	198	9231	10.930	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	279240	57.132	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	83685	49.166	ng	96
68) Hexachlorobenzene	11.016	284	88330	44.818	ng	93
69) Atrazine	11.098	200	86444	62.868	ng	98
70) Pentachlorophenol	11.210	266	82138	94.692	ng	99
71) Phenanthrene	11.428	178	482834	60.774	ng	99
72) Anthracene	11.480	178	413714	53.235	ng	99
73) Carbazole	11.633	167	373057	49.900	ng	97
74) Di-n-butylphthalate	11.957	149	414647	48.040	ng	100
75) Fluoranthene	12.622	202	540850	62.701	ng	99
77) Benzidine	12.739	184	86714	34.328	ng	# 96
78) Pyrene	12.851	202	510426	63.538	ng	99
80) Butylbenzylphthalate	13.457	149	144797	50.034	ng	97
81) Benzo(a)anthracene	14.039	228	341599	59.395	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	57402	33.243	ng	100
83) Chrysene	14.074	228	289314	55.014	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	175940	48.147	ng	99
85) Di-n-octyl phthalate	14.633	149	252409	50.543	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	219457	45.263	ng	99
88) Benzo(b)fluoranthene	15.098	252	272803	58.377	ng	98
89) Benzo(k)fluoranthene	15.127	252	217487	53.183	ng	99
90) Benzo(a)pyrene	15.474	252	227453	59.862	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	167548	42.196	ng	98
92) Benzo(g,h,i)perylene	17.504	276	154532	38.138	ng	98

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

