

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
 Data File : BF142004.D
 Acq On : 19 Mar 2025 14:16
 Operator : RC/JU
 Sample : Q1598-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11944MS

Quant Time: Mar 19 14:51:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	166671	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	619176	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	279274	20.000	ng	0.01
64) Phenanthrene-d10	11.439	188	407136	20.000	ng	# 0.04
76) Chrysene-d12	14.080	240	390346	20.000	ng	# 0.04
86) Perylene-d12	15.539	264	289373	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	972913	97.423	ng	0.01
7) Phenol-d6	6.510	99	1204364	94.720	ng	0.00
23) Nitrobenzene-d5	7.445	82	782885	71.155	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	433667	122.402	ng	0.03
45) 2-Fluorobiphenyl	9.239	172	1407381	76.640	ng	0.00
79) Terphenyl-d14	13.033	244	1473451	55.808	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	157497	37.639	ng	98
3) Pyridine	3.452	79	367506	35.805	ng	99
4) n-Nitrosodimethylamine	3.387	42	174183	35.600	ng	97
6) Aniline	6.546	93	175235	13.970	ng	100
8) 2-Chlorophenol	6.663	128	424546	38.331	ng	99
9) Benzaldehyde	6.428	77	114707	16.130	ng	100
10) Phenol	6.522	94	497045	37.158	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	393840	39.210	ng	97
12) 1,3-Dichlorobenzene	6.822	146	459328	38.413	ng	99
13) 1,4-Dichlorobenzene	6.898	146	465841	38.504	ng	99
14) 1,2-Dichlorobenzene	7.051	146	445365	39.082	ng	98
15) Benzyl Alcohol	7.022	79	373662	36.351	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	406976	33.562	ng	94
17) 2-Methylphenol	7.134	107	330285	37.505	ng	98
18) Hexachloroethane	7.393	117	163468	36.031	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	281699	34.479	ng	100
20) 3+4-Methylphenols	7.281	107	419597	37.199	ng	# 82
22) Acetophenone	7.287	105	636870	42.951	ng	96
24) Nitrobenzene	7.463	77	421960	38.578	ng	99
25) Isophorone	7.698	82	761166	39.137	ng	100
26) 2-Nitrophenol	7.775	139	204405	38.076	ng	99
27) 2,4-Dimethylphenol	7.810	122	347914	47.067	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	459779	37.692	ng	100
29) 2,4-Dichlorophenol	8.016	162	344172	37.512	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	384253	38.003	ng	99
31) Naphthalene	8.187	128	1174323	36.921	ng	100
32) Benzoic acid	7.922	122	259211	39.893	ng	99
33) 4-Chloroaniline	8.240	127	78471	6.989	ng	96
34) Hexachlorobutadiene	8.298	225	268152	40.666	ng	98
35) Caprolactam	8.604	113	106107	37.932	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	354571	34.643	ng	100
37) 2-Methylnaphthalene	8.875	142	722406	33.980	ng	99
38) 1-Methylnaphthalene	8.975	142	693097	33.785	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	421721	49.598	ng	98
41) Hexachlorocyclopentadiene	9.028	237	223109	67.047	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	235456	42.372	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	234369	41.643	ng	# 95
46) 1,1'-Biphenyl	9.339	154	996269	46.950	ng	100
47) 2-Chloronaphthalene	9.363	162	667140	42.181	ng	99
48) 2-Nitroaniline	9.457	65	201538	44.010	ng	99
49) Acenaphthylene	9.787	152	930110	39.629	ng	# 93
50) Dimethylphthalate	9.639	163	823696	42.118	ng	# 96
51) 2,6-Dinitrotoluene	9.698	165	177984	43.710	ng	# 79
52) Acenaphthene	9.963	154	571502	34.649	ng	98
53) 3-Nitroaniline	9.869	138	97620	23.634	ng	# 77
54) 2,4-Dinitrophenol	9.975	184	18120	13.762	ng	# 1
55) Dibenzofuran	10.134	168	824983	35.005	ng	99
56) 4-Nitrophenol	10.028	139	225512	72.398	ng	# 29
57) 2,4-Dinitrotoluene	10.104	165	198507	37.325	ng	# 79
58) Fluorene	10.486	166	643304	35.395	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.251	232	179360	35.022	ng	# 90
60) Diethylphthalate	10.351	149	699985	35.895	ng	# 80
61) 4-Chlorophenyl-phenylether	10.475	204	377910	39.883	ng	93
62) 4-Nitroaniline	10.481	138	76997	19.148	ng	# 82
63) Azobenzene	10.639	77	541700	29.879	ng	# 77
65) 4,6-Dinitro-2-methylph...	10.516	198	15229	6.275	ng	# 1
66) n-Nitrosodiphenylamine	10.586	169	541672	41.113	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	224801	43.965	ng	99
68) Hexachlorobenzene	11.051	284	273544	48.778	ng	# 92
69) Atrazine	11.157	200	222247	55.026	ng	# 40
70) Pentachlorophenol	11.245	266	340482	98.541	ng	99
71) Phenanthrene	11.469	178	908917	41.332	ng	# 79
72) Anthracene	11.522	178	863745	39.150	ng	# 83
73) Carbazole	11.669	167	715093	37.583	ng	# 79
74) Di-n-butylphthalate	12.004	149	951556	37.691	ng	# 85
75) Fluoranthene	12.675	202	1305309	55.957	ng	90
78) Pyrene	12.904	202	1294868	38.349	ng	# 93
80) Butylbenzylphthalate	13.498	149	411652	31.148	ng	94
81) Benzo(a)anthracene	14.074	228	1202956	46.964	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	11840	1.600	ng	# 37
83) Chrysene	14.110	228	1037406	44.679	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	688983	37.811	ng	# 94
85) Di-n-octyl phthalate	14.645	149	1023535	40.370	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.027	276	717918	38.352	ng	95
88) Benzo(b)fluoranthene	15.110	252	1058122	53.353	ng	98
89) Benzo(k)fluoranthene	15.139	252	685706	40.402	ng	98
90) Benzo(a)pyrene	15.480	252	756515	48.751	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	547930	35.477	ng	99
92) Benzo(g,h,i)perylene	17.474	276	549597	36.010	ng	96

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

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