

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140918.D
 Acq On : 18 Dec 2024 20:41
 Operator : RC/JU
 Sample : P5301-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MSD

Quant Time: Dec 19 00:18:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	73126	20.000	ng	0.00	
21) Naphthalene-d8	8.133	136	251394	20.000	ng	0.00	
39) Acenaphthene-d10	9.892	164	136413	20.000	ng	0.00	
64) Phenanthrene-d10	11.380	188	216508	20.000	ng	0.00	#
76) Chrysene-d12	14.033	240	109017	20.000	ng	0.00	#
86) Perylene-d12	15.521	264	98427	20.000	ng	0.00	-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	534727	120.376	ng	0.00	
7) Phenol-d6	6.504	99	627616	106.671	ng	0.00	
23) Nitrobenzene-d5	7.416	82	362221	72.087	ng	0.00	
42) 2,4,6-Tribromophenol	10.686	330	153379	95.067	ng	0.00	
45) 2-Fluorobiphenyl	9.204	172	719008	72.466	ng	0.00	
79) Terphenyl-d14	12.963	244	552869	79.969	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.634	88	68954	36.038	ng	99	Qvalue
3) Pyridine	3.422	79	183279	41.362	ng	99	
4) n-Nitrosodimethylamine	3.369	42	100620	45.044	ng	97	
6) Aniline	6.516	93	122426	24.336	ng	28	#
8) 2-Chlorophenol	6.645	128	242852	50.133	ng	98	
9) Benzaldehyde	6.404	77	52765	16.185	ng	95	
10) Phenol	6.522	94	304001	49.853	ng	86	
11) bis(2-Chloroethyl)ether	6.587	93	231142	50.827	ng	99	
12) 1,3-Dichlorobenzene	6.792	146	258339	46.802	ng	98	
13) 1,4-Dichlorobenzene	6.869	146	261290	46.634	ng	100	
14) 1,2-Dichlorobenzene	7.022	146	256264	48.475	ng	98	
15) Benzyl Alcohol	7.004	79	228322	54.274	ng	96	
16) 2,2'-oxybis(1-Chloropr...	7.122	45	295642	55.186	ng	88	
17) 2-Methylphenol	7.122	107	204447	52.863	ng	98	
18) Hexachloroethane	7.357	117	85134	40.815	ng	99	
19) n-Nitroso-di-n-propyla...	7.269	70	198651	56.286	ng	98	
20) 3+4-Methylphenols	7.281	107	287679	56.095	ng	69	#
22) Acetophenone	7.263	105	395874	62.950	ng	94	
24) Nitrobenzene	7.439	77	232443	45.155	ng	98	
25) Isophorone	7.675	82	417859	49.631	ng	99	
26) 2-Nitrophenol	7.751	139	117118	49.399	ng	97	
27) 2,4-Dimethylphenol	7.798	122	167909	60.643	ng	99	
28) bis(2-Chloroethoxy)met...	7.881	93	260478	49.535	ng	97	
29) 2,4-Dichlorophenol	8.010	162	187226	48.979	ng	100	
30) 1,2,4-Trichlorobenzene	8.075	180	201871	46.068	ng	100	
31) Naphthalene	8.157	128	674416	48.838	ng	100	
32) Benzoic acid	7.945	122	100759	38.371	ng	84	#
33) 4-Chloroaniline	8.216	127	74793	16.307	ng	98	
34) Hexachlorobutadiene	8.263	225	137455	46.622	ng	98	
35) Caprolactam	8.592	113	56141m	49.332	ng		
36) 4-Chloro-3-methylphenol	8.710	107	201573	46.851	ng	99	
37) 2-Methylnaphthalene	8.845	142	454263	49.728	ng	100	
38) 1-Methylnaphthalene	8.945	142	415830	46.028	ng	100	
40) 1,2,4,5-Tetrachloroben...	9.016	216	214802	51.231	ng	99	
41) Hexachlorocyclopentadiene	8.992	237	3597	4.323	ng	88	
43) 2,4,6-Trichlorophenol	9.133	196	132121	51.461	ng	98	

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44) 2,4,5-Trichlorophenol	9.192	196	133239	47.216	ng	96
46) 1,1'-Biphenyl	9.310	154	571916	52.724	ng	100
47) 2-Chloronaphthalene	9.339	162	407248	49.076	ng	99
48) 2-Nitroaniline	9.445	65	129234	51.565	ng	96
49) Acenaphthylene	9.751	152	618412	50.710	ng	99
50) Dimethylphthalate	9.610	163	504659	52.473	ng	99
51) 2,6-Dinitrotoluene	9.680	165	106143	48.277	ng	98
52) Acenaphthene	9.922	154	389814	50.041	ng	99
53) 3-Nitroaniline	9.857	138	71998	32.998	ng	# 96
54) 2,4-Dinitrophenol	9.980	184	22722	25.990	ng	89
55) Dibenzofuran	10.098	168	528904	43.816	ng	99
56) 4-Nitrophenol	10.045	139	92309	78.726	ng	92
57) 2,4-Dinitrotoluene	10.092	165	118480	40.957	ng	# 98
58) Fluorene	10.439	166	429445	43.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	95302	41.446	ng	# 85
60) Diethylphthalate	10.310	149	439069	44.026	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	214224	42.825	ng	99
62) 4-Nitroaniline	10.475	138	78813	34.566	ng	98
63) Azobenzene	10.592	77	430826	45.951	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	21537	17.555	ng	# 50
66) n-Nitrosodiphenylamine	10.551	169	369774	55.550	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	123179	50.856	ng	98
68) Hexachlorobenzene	10.992	284	135124	49.204	ng	96
69) Atrazine	11.080	200	124344	66.883	ng	97
70) Pentachlorophenol	11.198	266	107001	106.572	ng	98
71) Phenanthrene	11.410	178	703849	63.218	ng	99
72) Anthracene	11.463	178	604295	55.113	ng	99
73) Carbazole	11.616	167	539705	50.254	ng	98
74) Di-n-butylphthalate	11.933	149	581923	46.169	ng	100
75) Fluoranthene	12.598	202	745943	58.175	ng	99
77) Benzidine	12.721	184	92588	41.613	ng	# 92
78) Pyrene	12.833	202	756898	78.076	ng	100
80) Butylbenzylphthalate	13.433	149	231928	65.019	ng	98
81) Benzo(a)anthracene	14.021	228	444776	57.566	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	81613	35.011	ng	98
83) Chrysene	14.063	228	415302	59.110	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	341965	74.348	ng	99
85) Di-n-octyl phthalate	14.604	149	469411	67.459	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	320694	52.211	ng	96
88) Benzo(b)fluoranthene	15.086	252	361994	52.983	ng	98
89) Benzo(k)fluoranthene	15.110	252	317661m	54.201	ng	
90) Benzo(a)pyrene	15.457	252	316678	59.193	ng	# 98
91) Dibenzo(a,h)anthracene	17.039	278	255636	50.238	ng	99
92) Benzo(g,h,i)perylene	17.492	276	235462	45.465	ng	98

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

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