

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024464.D
 Acq On : 29 Apr 2025 18:03
 Operator : RC/JU
 Sample : Q1871-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-AMSD

Quant Time: Apr 29 18:31:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	113870	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	438929	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	272693	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	541453	20.000	ng	0.00
76) Chrysene-d12	21.586	240	650338	20.000	ng	0.00
86) Perylene-d12	24.927	264	802506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	848172	123.159	ng	-0.01
7) Phenol-d6	6.898	99	1036038	109.867	ng	-0.01
23) Nitrobenzene-d5	8.857	82	639039	83.017	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	548425	145.361	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1443783	81.065	ng	-0.01
79) Terphenyl-d14	19.868	244	2605608	80.757	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	100114	34.368	ng	# 62
3) Pyridine	3.681	79	212270	27.597	ng	93
4) n-Nitrosodimethylamine	3.581	42	111410	43.642	ng	# 75
6) Aniline	7.051	93	162317	19.263	ng	98
8) 2-Chlorophenol	7.287	128	321413	41.802	ng	99
9) Benzaldehyde	6.863	77	37413	8.021	ng	96
10) Phenol	6.928	94	373421	39.475	ng	93
11) bis(2-Chloroethyl)ether	7.140	93	271268	35.591	ng	98
12) 1,3-Dichlorobenzene	7.598	146	327762	39.595	ng	99
13) 1,4-Dichlorobenzene	7.745	146	331508	39.471	ng	99
14) 1,2-Dichlorobenzene	8.057	146	322225	39.732	ng	99
15) Benzyl Alcohol	7.951	79	265521	43.540	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	296682	36.013	ng	100
17) 2-Methylphenol	8.157	107	260910	42.636	ng	97
18) Hexachloroethane	8.781	117	121572	40.053	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	208104	35.671	ng	96
20) 3+4-Methylphenols	8.481	107	357503	42.104	ng	99
22) Acetophenone	8.528	105	449435	41.370	ng	# 98
24) Nitrobenzene	8.898	77	319896	42.009	ng	99
25) Isophorone	9.422	82	593971	42.630	ng	98
26) 2-Nitrophenol	9.604	139	168778	45.291	ng	# 94
27) 2,4-Dimethylphenol	9.669	122	291507	62.299	ng	97
28) bis(2-Chloroethoxy)met...	9.898	93	354963	37.712	ng	99
29) 2,4-Dichlorophenol	10.145	162	291280	45.655	ng	100
30) 1,2,4-Trichlorobenzene	10.351	180	291019	42.573	ng	99
31) Naphthalene	10.534	128	926036	40.052	ng	99
32) Benzoic acid	9.851	122	455948	83.626	ng	97
33) 4-Chloroaniline	10.651	127	71436	8.773	ng	98
34) Hexachlorobutadiene	10.816	225	184152	45.845	ng	99
35) Caprolactam	11.457	113	91724m	38.963	ng	
36) 4-Chloro-3-methylphenol	11.781	107	337326	45.393	ng	99
37) 2-Methylnaphthalene	12.139	142	576353	35.944	ng	98
38) 1-Methylnaphthalene	12.363	142	616026	39.271	ng	100
40) 1,2,4,5-Tetrachloroben...	12.516	216	323455	43.132	ng	99
41) Hexachlorocyclopentadiene	12.492	237	407810	153.761	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	236215	47.377	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	261089	47.289	ng	98
46) 1,1'-Biphenyl	13.163	154	834975	41.656	ng	98
47) 2-Chloronaphthalene	13.204	162	641529	42.823	ng	98
48) 2-Nitroaniline	13.410	65	205571	48.920	ng	94
49) Acenaphthylene	14.057	152	1080887	45.827	ng	100
50) Dimethylphthalate	13.792	163	859690	43.351	ng	100
51) 2,6-Dinitrotoluene	13.916	165	187613	44.553	ng	94
52) Acenaphthene	14.404	154	615772	41.181	ng	98
53) 3-Nitroaniline	14.251	138	82043	18.537	ng	98
54) 2,4-Dinitrophenol	14.463	184	235275	94.850	ng	92
55) Dibenzofuran	14.745	168	989856	40.499	ng	97
56) 4-Nitrophenol	14.586	139	385174	100.768	ng	90
57) 2,4-Dinitrotoluene	14.716	165	279085	48.585	ng	97
58) Fluorene	15.404	166	802759	42.427	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	237781	46.695	ng	98
60) Diethylphthalate	15.180	149	880780	43.099	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	386373	42.051	ng	99
62) 4-Nitroaniline	15.433	138	197605	42.176	ng	88
63) Azobenzene	15.698	77	725587	38.630	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	151072	44.255	ng	96
66) n-Nitrosodiphenylamine	15.622	169	690087	42.700	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	260434	43.979	ng	98
68) Hexachlorobenzene	16.439	284	325686	46.284	ng	99
69) Atrazine	16.598	200	158415	38.487	ng	99
70) Pentachlorophenol	16.792	266	477752	97.322	ng	99
71) Phenanthrene	17.186	178	1293447	43.790	ng	100
72) Anthracene	17.280	178	1298524	45.613	ng	99
73) Carbazole	17.563	167	1298148	46.669	ng	99
74) Di-n-butylphthalate	18.151	149	1513871	43.684	ng	99
75) Fluoranthene	19.274	202	1597741	45.481	ng	97
77) Benzidine	19.480	184	107583	13.051	ng	99
78) Pyrene	19.645	202	1663266	40.244	ng	99
80) Butylbenzylphthalate	20.598	149	757222	42.775	ng	97
81) Benzo(a)anthracene	21.568	228	1778443	43.996	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	334106	23.549	ng	98
83) Chrysene	21.639	228	1673827	43.222	ng	100
84) Bis(2-ethylhexyl)phtha...	21.498	149	1060017	40.847	ng	97
85) Di-n-octyl phthalate	22.780	149	1788090	42.383	ng	100
87) Indeno(1,2,3-cd)pyrene	28.750	276	2886469	51.809	ng	98
88) Benzo(b)fluoranthene	23.868	252	2059366	42.812	ng	98
89) Benzo(k)fluoranthene	23.945	252	2010072	43.260	ng	98
90) Benzo(a)pyrene	24.780	252	1967119	47.408	ng	# 97
91) Dibenzo(a,h)anthracene	28.821	278	2345535	50.721	ng	97
92) Benzo(g,h,i)perylene	29.909	276	2329362	49.488	ng	95

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

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