

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024526.D
 Acq On : 05 May 2025 15:24
 Operator : RC/JU
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

Quant Time: May 05 16:04:17 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	7.705	152	165914	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	671280	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	410001	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	833085	20.000	ng	0.00
76) Chrysene-d12	21.586	240	956909	20.000	ng	0.00
86) Perylene-d12	24.910	264	1128205	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	723752	72.127	ng	-0.01
7) Phenol-d6	6.899	99	952892	69.352	ng	-0.01
23) Nitrobenzene-d5	8.857	82	540603	45.921	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	504714	88.974	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1140364	42.586	ng	-0.01
79) Terphenyl-d14	19.863	244	2116795	44.588	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	166831	39.307	ng	# 94
3) Pyridine	3.669	79	418362	37.329	ng	92
4) n-Nitrosodimethylamine	3.581	42	183671	49.380	ng	78
6) Aniline	7.046	93	686217	55.891	ng	97
8) 2-Chlorophenol	7.281	128	537183	47.949	ng	100
9) Benzaldehyde	6.858	77	229748	33.803	ng	98
10) Phenol	6.922	94	636763	46.199	ng	92
11) bis(2-Chloroethyl)ether	7.140	93	453048	40.796	ng	99
12) 1,3-Dichlorobenzene	7.599	146	539885	44.762	ng	99
13) 1,4-Dichlorobenzene	7.740	146	548748	44.842	ng	99
14) 1,2-Dichlorobenzene	8.057	146	530158	44.865	ng	99
15) Benzyl Alcohol	7.952	79	447826	50.399	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	516574	43.035	ng	100
17) 2-Methylphenol	8.152	107	437399	49.056	ng	96
18) Hexachloroethane	8.775	117	206918	46.787	ng	97
19) n-Nitroso-di-n-propyla...	8.505	70	352877	41.513	ng	95
20) 3+4-Methylphenols	8.475	107	593199	47.948	ng	96
22) Acetophenone	8.522	105	741959	44.657	ng	98
24) Nitrobenzene	8.899	77	533505	45.810	ng	99
25) Isophorone	9.422	82	1000140	46.935	ng	98
26) 2-Nitrophenol	9.599	139	286339	50.242	ng	94
27) 2,4-Dimethylphenol	9.669	122	484332	67.681	ng	98
28) bis(2-Chloroethoxy)met...	9.893	93	614050	42.657	ng	99
29) 2,4-Dichlorophenol	10.140	162	486044	49.813	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	488076	46.687	ng	99
31) Naphthalene	10.528	128	1538840	43.519	ng	99
32) Benzoic acid	9.840	122	390055	46.778	ng	99
33) 4-Chloroaniline	10.640	127	582315	46.763	ng	98
34) Hexachlorobutadiene	10.816	225	306850	49.949	ng	98
35) Caprolactam	11.446	113	170986	47.493	ng	96
36) 4-Chloro-3-methylphenol	11.775	107	557065	49.016	ng	97
37) 2-Methylnaphthalene	12.140	142	987781	40.279	ng	97
38) 1-Methylnaphthalene	12.363	142	1030369	42.949	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	548437	48.641	ng	98
41) Hexachlorocyclopentadiene	12.493	237	760213	190.640	ng	99
43) 2,4,6-Trichlorophenol	12.763	196	395692	52.785	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	438075	52.773	ng	99
46) 1,1'-Biphenyl	13.157	154	1393542	46.240	ng	99
47) 2-Chloronaphthalene	13.204	162	1069013	47.461	ng	98
48) 2-Nitroaniline	13.416	65	339597	53.750	ng	97
49) Acenaphthylene	14.057	152	1754153	49.465	ng	99
50) Dimethylphthalate	13.798	163	1434778	48.121	ng	99
51) 2,6-Dinitrotoluene	13.916	165	312876	49.417	ng	93
52) Acenaphthene	14.404	154	1004485	44.679	ng	98
53) 3-Nitroaniline	14.251	138	302711	45.491	ng	99
54) 2,4-Dinitrophenol	14.469	184	424726	113.884	ng	92
55) Dibenzofuran	14.745	168	1602317	43.602	ng	96
56) 4-Nitrophenol	14.592	139	600170	104.431	ng	92
57) 2,4-Dinitrotoluene	14.722	165	456597	52.867	ng	99
58) Fluorene	15.410	166	1318534	46.348	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	387472	50.609	ng	99
60) Diethylphthalate	15.181	149	1440616	46.886	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	662975	47.991	ng	98
62) 4-Nitroaniline	15.439	138	360113	51.120	ng	86
63) Azobenzene	15.698	77	1348067	47.735	ng	95
65) 4,6-Dinitro-2-methylph...	15.504	198	269076	51.230	ng	94
66) n-Nitrosodiphenylamine	15.622	169	1168234	46.982	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	454887	49.926	ng	100
68) Hexachlorobenzene	16.434	284	551058	50.898	ng	99
69) Atrazine	16.604	200	435800	68.813	ng	98
70) Pentachlorophenol	16.792	266	786639	104.149	ng	99
71) Phenanthrene	17.181	178	2082907	45.831	ng	100
72) Anthracene	17.281	178	2171719	49.581	ng	99
73) Carbazole	17.563	167	2040508	47.678	ng	99
74) Di-n-butylphthalate	18.151	149	2617916	49.098	ng	99
75) Fluoranthene	19.275	202	2565738	47.468	ng	95
77) Benzidine	19.469	184	1539867	126.951	ng	99
78) Pyrene	19.645	202	2637930	43.378	ng	99
80) Butylbenzylphthalate	20.598	149	1304609	50.086	ng	96
81) Benzo(a)anthracene	21.563	228	2831162	47.600	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	998886	47.849	ng	99
83) Chrysene	21.633	228	2623817	46.046	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1898876	49.729	ng	99
85) Di-n-octyl phthalate	22.768	149	3334656	53.718	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	3842514	49.059	ng #	91
88) Benzo(b)fluoranthene	23.868	252	3065402	45.329	ng #	98
89) Benzo(k)fluoranthene	23.939	252	3021755	46.259	ng	98
90) Benzo(a)pyrene	24.768	252	2890181	49.546	ng #	98
91) Dibenzo(a,h)anthracene	28.786	278	3181520	48.937	ng	96
92) Benzo(g,h,i)perylene	29.886	276	3052783	46.133	ng #	95

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

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