

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024665.D
 Acq On : 16 May 2025 20:22
 Operator : RC/JU
 Sample : Q2019-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-KMS

Quant Time: May 17 00:46:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	147267	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	583402	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	362698	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	717901	20.000	ng	0.00
76) Chrysene-d12	21.527	240	829483	20.000	ng	0.00
86) Perylene-d12	24.804	264	1012511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1097538	127.469	ng	0.02
7) Phenol-d6	6.881	99	1262897	114.923	ng	0.03
23) Nitrobenzene-d5	8.810	82	881951	76.383	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	805544	131.009	ng	0.01
45) 2-Fluorobiphenyl	12.910	172	2115294	76.408	ng	0.00
79) Terphenyl-d14	19.822	244	3804552	78.647	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.234	88	135248	33.451	ng	# 60
3) Pyridine	3.634	79	310583	34.644	ng	99
4) n-Nitrosodimethylamine	3.534	42	155753	39.353	ng	97
6) Aniline	7.005	93	281422	19.835	ng	99
8) 2-Chlorophenol	7.252	128	431051	44.100	ng	99
9) Benzaldehyde	6.816	77	173942	24.452	ng	100
10) Phenol	6.911	94	452203	39.870	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	380986	40.879	ng	99
12) 1,3-Dichlorobenzene	7.552	146	424136	37.716	ng	99
13) 1,4-Dichlorobenzene	7.693	146	433029	38.286	ng	99
14) 1,2-Dichlorobenzene	8.005	146	423804	38.454	ng	100
15) Benzyl Alcohol	7.911	79	381974	45.741	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	426454	38.209	ng	99
17) 2-Methylphenol	8.134	107	351298	43.184	ng	98
18) Hexachloroethane	8.722	117	152969	35.293	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	292710	38.507	ng	99
20) 3+4-Methylphenols	8.463	107	472933	42.739	ng	# 81
22) Acetophenone	8.475	105	624758	42.871	ng	97
24) Nitrobenzene	8.852	77	433345	42.648	ng	97
25) Isophorone	9.375	82	845396	42.209	ng	100
26) 2-Nitrophenol	9.558	139	234277	47.052	ng	98
27) 2,4-Dimethylphenol	9.640	122	402709	45.874	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	503957	42.116	ng	99
29) 2,4-Dichlorophenol	10.122	162	404416	47.540	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	401897	41.924	ng	97
31) Naphthalene	10.475	128	1273386	42.120	ng	100
32) Benzoic acid	9.810	122	162446	29.914	ng	97
33) 4-Chloroaniline	10.610	127	123255	10.103	ng	98
34) Hexachlorobutadiene	10.757	225	248176	39.963	ng	98
35) Caprolactam	11.399	113	121684	39.536	ng	97
36) 4-Chloro-3-methylphenol	11.769	107	468600	45.170	ng	97
37) 2-Methylnaphthalene	12.099	142	825277	42.158	ng	99
38) 1-Methylnaphthalene	12.316	142	873110	41.685	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	470292	44.652	ng	100
41) Hexachlorocyclopentadiene	12.446	237	407428	63.796	ng	97
43) 2,4,6-Trichlorophenol	12.728	196	329246	48.263	ng	99

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44) 2,4,5-Trichlorophenol	12.834	196	353732	46.583	ng	97
46) 1,1'-Biphenyl	13.116	154	1210425	45.153	ng	99
47) 2-Chloronaphthalene	13.163	162	915584	44.794	ng	99
48) 2-Nitroaniline	13.375	65	287162	47.454	ng	99
49) Acenaphthylene	14.016	152	1543937	45.137	ng	99
50) Dimethylphthalate	13.751	163	1252945	45.323	ng	100
51) 2,6-Dinitrotoluene	13.875	165	268690	46.021	ng	96
52) Acenaphthene	14.357	154	870145	44.250	ng	100
53) 3-Nitroaniline	14.216	138	163872	27.488	ng	96
54) 2,4-Dinitrophenol	14.434	184	306966	83.107	ng	97
55) Dibenzofuran	14.704	168	1393080	44.414	ng	98
56) 4-Nitrophenol	14.604	139	384998	74.881	ng	98
57) 2,4-Dinitrotoluene	14.675	165	391637	47.580	ng	98
58) Fluorene	15.363	166	1164277	45.523	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.951	232	294896	41.863	ng	99
60) Diethylphthalate	15.134	149	1234706	44.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	571638	44.818	ng	99
62) 4-Nitroaniline	15.410	138	256838	44.619	ng	95
63) Azobenzene	15.663	77	1043486	43.655	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	216437	46.674	ng	99
66) n-Nitrosodiphenylamine	15.581	169	1011520	45.872	ng	100
67) 4-Bromophenyl-phenylether	16.275	248	391608	46.293	ng	98
68) Hexachlorobenzene	16.392	284	488918	45.484	ng	96
69) Atrazine	16.563	200	376146	46.546	ng	99
70) Pentachlorophenol	16.757	266	567701	94.084	ng	99
71) Phenanthrene	17.134	178	1807859	45.299	ng	100
72) Anthracene	17.239	178	1850633	46.089	ng	100
73) Carbazole	17.522	167	1743175	47.965	ng	99
74) Di-n-butylphthalate	18.104	149	2197149	47.008	ng	99
75) Fluoranthene	19.228	202	2163349	46.373	ng	100
77) Benzidine	19.433	184	341339	15.109	ng	99
78) Pyrene	19.604	202	2273589	45.746	ng	99
80) Butylbenzylphthalate	20.557	149	1047793	47.403	ng	97
81) Benzo(a)anthracene	21.510	228	2378394	45.664	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	683626	35.338	ng	99
83) Chrysene	21.580	228	2236227	45.292	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1551307	47.749	ng	99
85) Di-n-octyl phthalate	22.692	149	2682489	50.491	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	3542628	47.926	ng	# 90
88) Benzo(b)fluoranthene	23.774	252	2671679	46.100	ng	100
89) Benzo(k)fluoranthene	23.845	252	2648831	44.355	ng	99
90) Benzo(a)pyrene	24.663	252	2549626	45.807	ng	99
91) Dibenzo(a,h)anthracene	28.609	278	2910834	48.404	ng	100
92) Benzo(g,h,i)perylene	29.680	276	2852013	47.691	ng	99

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

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