

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024504.D
 Acq On : 02 May 2025 11:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 02 12:18:41 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	129550	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	549706	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	360102	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	708711	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	795052	20.000	ng	0.00
86) Perylene-d12	24.945	264	924354	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	596004	76.068	ng	-0.02
7) Phenol-d6	6.893	99	808071	75.320	ng	-0.02
23) Nitrobenzene-d5	8.857	82	760502	78.887	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	469770	94.290	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1864450	79.274	ng	-0.01
79) Terphenyl-d14	19.875	244	3160493	80.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	110263	33.271	ng	# 93
3) Pyridine	3.670	79	293004	33.482	ng	# 91
4) n-Nitrosodimethylamine	3.581	42	123170	42.409	ng	# 74
6) Aniline	7.046	93	356394	37.175	ng	98
8) 2-Chlorophenol	7.287	128	336044	38.415	ng	97
9) Benzaldehyde	6.863	77	235587	44.392	ng	97
10) Phenol	6.922	94	393015	36.518	ng	89
11) bis(2-Chloroethyl)ether	7.140	93	300708	34.679	ng	99
12) 1,3-Dichlorobenzene	7.599	146	356251	37.828	ng	99
13) 1,4-Dichlorobenzene	7.746	146	362726	37.961	ng	100
14) 1,2-Dichlorobenzene	8.058	146	349992	37.932	ng	99
15) Benzyl Alcohol	7.952	79	291893	42.071	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	333682	35.601	ng	100
17) 2-Methylphenol	8.152	107	274158	39.378	ng	97
18) Hexachloroethane	8.775	117	134801	39.036	ng	97
19) n-Nitroso-di-n-propyla...	8.505	70	254407	38.330	ng	95
20) 3+4-Methylphenols	8.481	107	382848	39.631	ng	97
22) Acetophenone	8.522	105	529415	38.912	ng	96
24) Nitrobenzene	8.899	77	363801	38.147	ng	97
25) Isophorone	9.422	82	674324	38.644	ng	96
26) 2-Nitrophenol	9.605	139	201915	43.264	ng	97
27) 2,4-Dimethylphenol	9.669	122	232627	39.697	ng	97
28) bis(2-Chloroethoxy)met...	9.899	93	426741	36.201	ng	99
29) 2,4-Dichlorophenol	10.140	162	334667	41.885	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	341508	39.892	ng	100
31) Naphthalene	10.534	128	1116853	38.570	ng	100
32) Benzoic acid	9.828	122	277285	40.608	ng	99
33) 4-Chloroaniline	10.646	127	416010	40.796	ng	99
34) Hexachlorobutadiene	10.816	225	214609	42.660	ng	99
35) Caprolactam	11.440	113	118182	40.086	ng	95
36) 4-Chloro-3-methylphenol	11.781	107	390524	41.961	ng	99
37) 2-Methylnaphthalene	12.146	142	791105	39.394	ng	97
38) 1-Methylnaphthalene	12.363	142	770760	39.233	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	401182	40.512	ng	99
41) Hexachlorocyclopentadiene	12.498	237	135891	38.800	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	278292	42.268	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024504.D
 Acq On : 02 May 2025 11:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 02 12:18:41 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)
44) 2,4,5-Trichlorophenol	12.846	196	303927	41.686	ng	100
46) 1,1'-Biphenyl	13.163	154	1034228	39.073	ng	98
47) 2-Chloronaphthalene	13.210	162	772166	39.032	ng	98
48) 2-Nitroaniline	13.416	65	235791	42.491	ng	95
49) Acenaphthylene	14.063	152	1233927	39.617	ng	99
50) Dimethylphthalate	13.798	163	1064739	40.659	ng	99
51) 2,6-Dinitrotoluene	13.922	165	231402	41.613	ng	99
52) Acenaphthene	14.410	154	746098	37.785	ng	99
53) 3-Nitroaniline	14.251	138	240556	41.159	ng	97
54) 2,4-Dinitrophenol	14.475	184	135922	41.496	ng	93
55) Dibenzofuran	14.745	168	1238864	38.383	ng	96
56) 4-Nitrophenol	14.592	139	195448	38.721	ng	85
57) 2,4-Dinitrotoluene	14.722	165	319863	42.167	ng	98
58) Fluorene	15.410	166	980589	39.246	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	284863	42.362	ng	99
60) Diethylphthalate	15.181	149	1084810	40.198	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	491661	40.522	ng	96
62) 4-Nitroaniline	15.440	138	256396	41.441	ng	88
63) Azobenzene	15.704	77	926557	37.356	ng	95
65) 4,6-Dinitro-2-methylph...	15.498	198	188049	42.087	ng	97
66) n-Nitrosodiphenylamine	15.622	169	830796	39.275	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	329947	42.568	ng	97
68) Hexachlorobenzene	16.439	284	401030	43.541	ng	100
69) Atrazine	16.604	200	220429	40.914	ng	98
70) Pentachlorophenol	16.798	266	282595	43.981	ng	99
71) Phenanthrene	17.186	178	1484867	38.406	ng	100
72) Anthracene	17.286	178	1480643	39.736	ng	99
73) Carbazole	17.569	167	1425580	39.155	ng	99
74) Di-n-butylphthalate	18.151	149	1884553	41.547	ng	100
75) Fluoranthene	19.286	202	1822300	39.631	ng	96
77) Benzidine	19.486	184	495896	49.206	ng	99
78) Pyrene	19.657	202	1870529	37.021	ng	99
80) Butylbenzylphthalate	20.610	149	864241	39.934	ng	99
81) Benzo(a)anthracene	21.580	228	1880613	38.056	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	721200	41.580	ng	99
83) Chrysene	21.651	228	1817220	38.383	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	1250474	39.415	ng	100
85) Di-n-octyl phthalate	22.792	149	2147705	41.641	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	2515761	39.203	ng	97
88) Benzo(b)fluoranthene	23.886	252	2095593	37.822	ng	# 97
89) Benzo(k)fluoranthene	23.968	252	2038754	38.094	ng	# 97
90) Benzo(a)pyrene	24.792	252	1840794	38.516	ng	# 97
91) Dibenzo(a,h)anthracene	28.815	278	2070450	38.871	ng	97
92) Benzo(g,h,i)perylene	29.915	276	2104464	38.816	ng	# 95

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

Instrument :

BNA P

ClientSampleId :

SSTDCCC040

Quant Time: May 02 12:18:41 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

