

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064825.D
 Acq On : 19 Nov 2025 21:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc : LOD-WATER-4PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 20 00:36:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	54803	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	220720	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	179696	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	436379	20.000	ng	0.00
76) Chrysene-d12	21.755	240	480209	20.000	ng	0.00
86) Perylene-d12	25.004	264	473104	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	240153	76.521	ng	0.00
7) Phenol-d6	7.307	99	337328	80.813	ng	0.00
23) Nitrobenzene-d5	9.328	82	358529	80.313	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	274213	78.243	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	1012958	78.656	ng	0.00
79) Terphenyl-d14	20.086	244	2099796	86.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	45880	37.762	ng	98
3) Pyridine	3.940	79	141362	39.049	ng	97
4) n-Nitrosodimethylamine	3.846	42	63742	34.595	ng	# 80
6) Aniline	7.477	93	223534	40.176	ng	99
8) 2-Chlorophenol	7.724	128	143574	41.664	ng	99
9) Benzaldehyde	7.289	77	108098	39.561	ng	93
10) Phenol	7.336	94	183874	40.486	ng	95
11) bis(2-Chloroethyl)ether	7.571	93	133185	41.211	ng	98
12) 1,3-Dichlorobenzene	8.053	146	159339	40.183	ng	94
13) 1,4-Dichlorobenzene	8.200	146	160915	39.853	ng	98
14) 1,2-Dichlorobenzene	8.523	146	156824	40.057	ng	98
15) Benzyl Alcohol	8.394	79	140891	41.121	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.688	45	285575	37.332	ng	98
17) 2-Methylphenol	8.600	107	132484	41.227	ng	96
18) Hexachloroethane	9.258	117	60096	39.297	ng	93
19) n-Nitroso-di-n-propyla...	8.970	70	120237	42.602	ng	90
20) 3+4-Methylphenols	8.923	107	182454	41.444	ng	96
22) Acetophenone	8.987	105	241361	40.137	ng	97
24) Nitrobenzene	9.369	77	182926	40.554	ng	97
25) Isophorone	9.892	82	348537	40.999	ng	98
26) 2-Nitrophenol	10.080	139	89033	43.883	ng	97
27) 2,4-Dimethylphenol	10.139	122	148622	41.234	ng	96
28) bis(2-Chloroethoxy)met...	10.368	93	196963	42.203	ng	99
29) 2,4-Dichlorophenol	10.621	162	165808	42.847	ng	96
30) 1,2,4-Trichlorobenzene	10.838	180	184849	39.558	ng	98
31) Naphthalene	11.032	128	502719	40.179	ng	99
32) Benzoic acid	10.268	122	96802	39.272	ng	97
33) 4-Chloroaniline	11.126	127	206625	41.282	ng	97
34) Hexachlorobutadiene	11.320	225	154140	38.445	ng	98
35) Caprolactam	11.896	113	48716	42.090	ng	# 82
36) 4-Chloro-3-methylphenol	12.237	107	176532	40.986	ng	97
37) 2-Methylnaphthalene	12.624	142	376560	40.217	ng	97
38) 1-Methylnaphthalene	12.836	142	372115	40.008	ng	98
40) 1,2,4,5-Tetrachloroben...	12.983	216	274612	39.268	ng	98
41) Hexachlorocyclopentadiene	12.971	237	185171	36.941	ng	96
43) 2,4,6-Trichlorophenol	13.212	196	167384	40.781	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	186941	40.609	ng	98
46) 1,1'-Biphenyl	13.611	154	511660	39.644	ng	97
47) 2-Chloronaphthalene	13.658	162	405242	39.855	ng	99
48) 2-Nitroaniline	13.846	65	133879	40.936	ng	97
49) Acenaphthylene	14.499	152	694923	40.005	ng	99
50) Dimethylphthalate	14.217	163	567075	39.949	ng	99
51) 2,6-Dinitrotoluene	14.334	165	114202	41.810	ng	96
52) Acenaphthene	14.834	154	428142	41.106	ng	99
53) 3-Nitroaniline	14.663	138	110736	41.076	ng	92
54) 2,4-Dinitrophenol	14.869	184	71856	42.868	ng	94
55) Dibenzofuran	15.168	168	674830	39.191	ng	98
56) 4-Nitrophenol	14.963	139	88048	41.165	ng	97
57) 2,4-Dinitrotoluene	15.116	165	171717	41.934	ng	96
58) Fluorene	15.809	166	522059	38.656	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.386	232	188277	41.453	ng	98
60) Diethylphthalate	15.568	149	547427	40.258	ng	100
61) 4-Chlorophenyl-phenylether	15.797	204	316709	39.076	ng	99
62) 4-Nitroaniline	15.821	138	115803	41.464	ng	93
63) Azobenzene	16.091	77	448019	39.612	ng	96
65) 4,6-Dinitro-2-methylph...	15.879	198	108835	44.920	ng	93
66) n-Nitrosodiphenylamine	16.009	169	473131	41.393	ng	100
67) 4-Bromophenyl-phenylether	16.690	248	234840	40.980	ng	99
68) Hexachlorobenzene	16.814	284	277429	39.958	ng	95
69) Atrazine	16.949	200	217912	39.542	ng	98
70) Pentachlorophenol	17.148	266	164277	43.056	ng	97
71) Phenanthrene	17.542	178	935060	39.164	ng	98
72) Anthracene	17.636	178	968605	39.786	ng	100
73) Carbazole	17.895	167	802553	38.347	ng	99
74) Di-n-butylphthalate	18.447	149	943474	40.407	ng	100
75) Fluoranthene	19.534	202	1183482	36.249	ng	99
77) Benzidine	19.704	184	506220	35.199	ng	99
78) Pyrene	19.898	202	1218349	45.269	ng	99
80) Butylbenzylphthalate	20.762	149	418366	44.194	ng	98
81) Benzo(a)anthracene	21.731	228	1294990	39.660	ng	99
82) 3,3'-Dichlorobenzidine	21.637	252	443856	36.931	ng	97
83) Chrysene	21.802	228	1215629	39.489	ng	99
84) Bis(2-ethylhexyl)phtha...	21.626	149	583538	42.184	ng	99
85) Di-n-octyl phthalate	22.848	149	984934	41.191	ng	98
87) Indeno(1,2,3-cd)pyrene	28.741	276	1303852	40.114	ng	# 95
88) Benzo(b)fluoranthene	23.976	252	1197403	39.771	ng	98
89) Benzo(k)fluoranthene	24.040	252	1221598	40.387	ng	99
90) Benzo(a)pyrene	24.857	252	1120692	40.127	ng	98
91) Dibenzo(a,h)anthracene	28.794	278	1083475	40.690	ng	98
92) Benzo(g,h,i)perylene	29.904	276	1038362	40.519	ng	97

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

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