

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064041.D
 Acq On : 3 Mar 2025 16:59
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Mar 04 07:15:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 07:06:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	35968	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	173887	20.000	ng	# 0.00
39) Acenaphthene-d10	14.489	164	125004	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	269038	20.000	ng	0.00
76) Chrysene-d12	21.463	240	270324	20.000	ng	0.00
86) Perylene-d12	24.477	264	286150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	363325	173.250	ng	0.00
7) Phenol-d6	7.033	99	536330	181.306	ng	0.00
23) Nitrobenzene-d5	9.024	82	559577	187.037	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	234362	163.112	ng	0.00
45) 2-Fluorobiphenyl	13.120	172	1284615	156.349	ng	0.00
79) Terphenyl-d14	19.853	244	1976142	148.379	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	73339	69.826	ng	98
3) Pyridine	3.760	79	186650	74.914	ng	99
4) n-Nitrosodimethylamine	3.678	42	144062	79.249	ng	98
6) Aniline	7.197	93	253152	80.133	ng	95
8) 2-Chlorophenol	7.432	128	204097	91.497	ng	97
9) Benzaldehyde	7.003	77	106204m	60.225	ng	
10) Phenol	7.062	94	278295	90.327	ng	96
11) bis(2-Chloroethyl)ether	7.291	93	206490	80.779	ng	94
12) 1,3-Dichlorobenzene	7.755	146	206639	77.815	ng	98
13) 1,4-Dichlorobenzene	7.902	146	214336	78.080	ng	95
14) 1,2-Dichlorobenzene	8.219	146	212012	80.894	ng	98
15) Benzyl Alcohol	8.102	79	223926	92.236	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.396	45	483409	83.961	ng	98
17) 2-Methylphenol	8.302	107	186196	89.801	ng	96
18) Hexachloroethane	8.942	117	82486	89.663	ng	99
19) n-Nitroso-di-n-propyla...	8.678	70	205429	88.644	ng	96
20) 3+4-Methylphenols	8.637	107	267297	89.843	ng	98
22) Acetophenone	8.684	105	384354	80.098	ng	# 96
24) Nitrobenzene	9.060	77	290076	91.897	ng	96
25) Isophorone	9.588	82	538900	84.768	ng	99
27) 2,4-Dimethylphenol	9.829	122	158998	94.076	ng	97
28) bis(2-Chloroethoxy)met...	10.070	93	318211	81.411	ng	# 96
29) 2,4-Dichlorophenol	10.299	162	205797	80.498	ng	97
30) 1,2,4-Trichlorobenzene	10.517	180	227522	80.215	ng	96
31) Naphthalene	10.705	128	744711	79.514	ng	99
32) Benzoic acid	10.023	122	127523m	79.825	ng	
33) 4-Chloroaniline	10.810	127	288057	83.076	ng	94
34) Hexachlorobutadiene	10.998	225	146549	79.475	ng	99
35) Caprolactam	11.604	113	77744	91.943	ng	# 79
36) 4-Chloro-3-methylphenol	11.939	107	270126	90.885	ng	98
37) 2-Methylnaphthalene	12.315	142	542917	80.334	ng	100
38) 1-Methylnaphthalene	12.532	142	540779	80.147	ng	99
40) 1,2,4,5-Tetrachloroben...	12.685	216	282397	81.377	ng	99
41) Hexachlorocyclopentadiene	12.667	237	86760	93.647	ng	99
43) 2,4,6-Trichlorophenol	12.920	196	183161	81.519	ng	97
44) 2,4,5-Trichlorophenol	12.990	196	202272	81.216	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.325	154	758905	79.619	ng	99
47) 2-Chloronaphthalene	13.366	162	556492	81.148	ng	97
48) 2-Nitroaniline	13.566	65	191270	79.422	ng	96
49) Acenaphthylene	14.212	152	876031	80.928	ng	98
50) Dimethylphthalate	13.960	163	737772	90.056	ng	100
51) 2,6-Dinitrotoluene	14.065	165	149847	80.740	ng	93
52) Acenaphthene	14.553	154	603721m	81.474	ng	
53) 3-Nitroaniline	14.395	138	156548	80.336	ng	93
54) 2,4-Dinitrophenol	14.594	184	56690	79.763	ng	89
55) Dibenzofuran	14.888	168	917033	77.406	ng	98
56) 4-Nitrophenol	14.700	139	126693	81.989	ng	94
57) 2,4-Dinitrotoluene	14.853	165	209188	81.463	ng	95
58) Fluorene	15.540	166	703089	76.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.111	232	189643	80.796	ng	98
60) Diethylphthalate	15.323	149	789331	91.077	ng	98
61) 4-Chlorophenyl-phenyle...	15.534	204	350688	75.931	ng	98
62) 4-Nitroaniline	15.558	138	163275	80.033	ng	99
63) Azobenzene	15.828	77	854256	78.724	ng	98
65) 4,6-Dinitro-2-methylph...	15.617	198	89063	79.641	ng	92
66) n-Nitrosodiphenylamine	15.752	169	622827	83.376	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	232316	84.121	ng	98
68) Hexachlorobenzene	16.539	284	249875	81.245	ng	95
69) Atrazine	16.698	200	110686	65.843	ng	96
70) Pentachlorophenol	16.880	266	161280	81.912	ng	96
71) Phenanthrene	17.273	178	1124982	78.588	ng	99
72) Anthracene	17.362	178	1141086	80.191	ng	99
73) Carbazole	17.632	167	1037433	82.047	ng	99
74) Di-n-butylphthalate	18.208	149	1260966	80.476	ng	99
75) Fluoranthene	19.283	202	1302923	77.719	ng	99
77) Benzidine	19.465	184	322501	92.702	ng	99
78) Pyrene	19.641	202	1355024	78.557	ng	99
81) Benzo(a)anthracene	21.445	228	1391945	80.794	ng	99
82) 3,3'-Dichlorobenzidine	21.369	252	452610	91.201	ng	97
83) Chrysene	21.510	228	1379608	79.943	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	787058	79.483	ng	99
85) Di-n-octyl phthalate	22.532	149	1329974	79.656	ng	97
87) Indeno(1,2,3-cd)pyrene	27.896	276	1588326	83.513	ng	98
88) Benzo(b)fluoranthene	23.537	252	1417467	82.918	ng	99
89) Benzo(k)fluoranthene	23.601	252	1408434	80.952	ng	100
90) Benzo(a)pyrene	24.348	252	1272392	83.456	ng	99
91) Dibenzo(a,h)anthracene	27.961	278	1323980	84.273	ng	98
92) Benzo(g,h,i)perylene	28.966	276	1335839	81.653	ng	98

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

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