

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063994.D
 Acq On : 4 Feb 2025 17:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 05 01:11:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	60002	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	264872	20.000	ng	0.00
39) Acenaphthene-d10	14.500	164	178820	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	393973	20.000	ng	0.00
76) Chrysene-d12	21.468	240	430958	20.000	ng	0.00
86) Perylene-d12	24.494	264	453344	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	309897	82.808	ng	0.00
7) Phenol-d6	7.038	99	437042	85.098	ng	0.00
23) Nitrobenzene-d5	9.024	82	400074	91.798	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	168880	87.424	ng	0.00
45) 2-Fluorobiphenyl	13.125	172	949328	81.339	ng	0.00
79) Terphenyl-d14	19.858	244	1659270	80.410	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.384	88	68469	38.524	ng 96
3) Pyridine	3.771	79	190304	39.653	ng 94
4) n-Nitrosodimethylamine	3.689	42	112486	40.762	ng 100
6) Aniline	7.197	93	223550	40.619	ng 99
8) 2-Chlorophenol	7.438	128	165812	43.481	ng 98
9) Benzaldehyde	7.015	77	123428	44.024	ng 96
10) Phenol	7.062	94	227068	42.002	ng 98
11) bis(2-Chloroethyl)ether	7.302	93	175238	40.255	ng 96
12) 1,3-Dichlorobenzene	7.767	146	175723	38.725	ng 98
13) 1,4-Dichlorobenzene	7.908	146	183070	39.947	ng 97
14) 1,2-Dichlorobenzene	8.225	146	175781	40.019	ng 98
15) Benzyl Alcohol	8.107	79	164918	42.962	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.407	45	367680	41.944	ng 100
17) 2-Methylphenol	8.307	107	149876	42.866	ng 98
18) Hexachloroethane	8.953	117	65330	43.316	ng 97
19) n-Nitroso-di-n-propyla...	8.677	70	154226	43.364	ng # 98
20) 3+4-Methylphenols	8.636	107	201673	43.295	ng 98
22) Acetophenone	8.689	105	297006	40.811	ng # 98
24) Nitrobenzene	9.065	77	205827	41.426	ng 97
25) Isophorone	9.588	82	392763	41.572	ng 98
26) 2-Nitrophenol	9.776	139	61765	50.766	ng 97
27) 2,4-Dimethylphenol	9.835	122	118632	43.652	ng 93
28) bis(2-Chloroethoxy)met...	10.076	93	245349	40.812	ng 98
29) 2,4-Dichlorophenol	10.305	162	152774	40.810	ng 99
30) 1,2,4-Trichlorobenzene	10.528	180	179549	40.214	ng 96
31) Naphthalene	10.710	128	569688	40.117	ng 99
32) Benzoic acid	9.970	122	86910m	48.118	ng
33) 4-Chloroaniline	10.816	127	220472	40.521	ng 97
34) Hexachlorobutadiene	11.004	225	115495	40.620	ng 98
35) Caprolactam	11.574	113	58506	42.747	ng # 87
36) 4-Chloro-3-methylphenol	11.938	107	189195	43.493	ng 97
37) 2-Methylnaphthalene	12.320	142	404361	40.861	ng 97
38) 1-Methylnaphthalene	12.537	142	395896	40.432	ng 97
40) 1,2,4,5-Tetrachloroben...	12.690	216	213968	40.576	ng 99
41) Hexachlorocyclopentadiene	12.678	237	67437	50.529	ng 97
43) 2,4,6-Trichlorophenol	12.925	196	130876	42.809	ng 96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.990	196	145711	42.302	ng	98
46) 1,1'-Biphenyl	13.331	154	554144	40.702	ng	98
47) 2-Chloronaphthalene	13.372	162	406079	40.922	ng	99
48) 2-Nitroaniline	13.566	65	122947	46.241	ng	98
49) Acenaphthylene	14.218	152	619071	40.164	ng	98
50) Dimethylphthalate	13.959	163	515302	43.461	ng	99
51) 2,6-Dinitrotoluene	14.065	165	96583	43.791	ng	99
52) Acenaphthene	14.559	154	424679	41.075	ng	100
53) 3-Nitroaniline	14.394	138	106447	41.334	ng	99
54) 2,4-Dinitrophenol	14.594	184	27063	48.833	ng	92
55) Dibenzofuran	14.894	168	671488	39.998	ng	98
56) 4-Nitrophenol	14.694	139	88237	42.855	ng	97
57) 2,4-Dinitrotoluene	14.852	165	129378	44.838	ng	# 97
58) Fluorene	15.546	166	521519	40.191	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.117	232	140999	42.555	ng	99
60) Diethylphthalate	15.328	149	551331	43.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.546	204	264338	40.601	ng	98
62) 4-Nitroaniline	15.552	138	114171	41.305	ng	98
63) Azobenzene	15.834	77	597431	40.238	ng	97
65) 4,6-Dinitro-2-methylph...	15.616	198	48654	49.606	ng	91
66) n-Nitrosodiphenylamine	15.751	169	449235	41.126	ng	99
67) 4-Bromophenyl-phenylether	16.433	248	165705	42.257	ng	98
68) Hexachlorobenzene	16.545	284	187945	40.767	ng	96
69) Atrazine	16.703	200	158310	43.551	ng	98
70) Pentachlorophenol	16.885	266	114995	42.720	ng	93
71) Phenanthrene	17.279	178	845118	40.842	ng	100
72) Anthracene	17.367	178	841748	40.654	ng	99
73) Carbazole	17.637	167	790650	40.792	ng	99
74) Di-n-butylphthalate	18.219	149	960248	47.528	ng	99
75) Fluoranthene	19.288	202	1025810	40.712	ng	99
77) Benzidine	19.471	184	411237	44.812	ng	96
78) Pyrene	19.647	202	1084257	40.754	ng	100
80) Butylbenzylphthalate	20.557	149	393833	43.042	ng	97
81) Benzo(a)anthracene	21.451	228	1108777	40.523	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	382026	44.833	ng	100
83) Chrysene	21.515	228	1073336	39.418	ng	98
84) Bis(2-ethylhexyl)phtha...	21.398	149	636154	43.196	ng	100
85) Di-n-octyl phthalate	22.549	149	1059706	44.119	ng	98
87) Indeno(1,2,3-cd)pyrene	27.908	276	1216540	41.596	ng	98
88) Benzo(b)fluoranthene	23.542	252	1117653	41.867	ng	97
89) Benzo(k)fluoranthene	23.607	252	1093680	39.899	ng	99
90) Benzo(a)pyrene	24.353	252	983606	41.279	ng	98
91) Dibenzo(a,h)anthracene	27.972	278	1029074	41.670	ng	97
92) Benzo(g,h,i)perylene	28.965	276	1021258	40.963	ng	99

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

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