

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
 Data File : BG063951.D
 Acq On : 10 Jan 2025 15:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 10 17:06:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 23:17:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.765	152	133129	20.000	ng	-0.03
21) Naphthalene-d8	10.556	136	520591	20.000	ng	-0.02
39) Acenaphthene-d10	14.422	164	356036	20.000	ng	-0.02
64) Phenanthrene-d10	17.178	188	767962	20.000	ng	-0.02
76) Chrysene-d12	21.431	240	778578	20.000	ng	#-0.02
86) Perylene-d12	24.434	264	821813	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.362	112	704444	84.308	ng	-0.03
7) Phenol-d6	6.954	99	993673	82.203	ng	-0.03
23) Nitrobenzene-d5	8.928	82	1038212	78.558	ng	-0.02
42) 2,4,6-Tribromophenol	15.920	330	324733	75.637	ng	-0.02
45) 2-Fluorobiphenyl	13.035	172	1972963	80.280	ng	-0.02
79) Terphenyl-d14	19.810	244	3037302	77.457	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	175248	39.895	ng	99
3) Pyridine	3.646	79	473631	40.024	ng	99
4) n-Nitrosodimethylamine	3.564	42	176449	39.010	ng	# 90
6) Aniline	7.095	93	435463	41.472	ng	96
8) 2-Chlorophenol	7.336	128	329720	40.587	ng	97
9) Benzaldehyde	6.907	77	313280	40.585	ng	98
10) Phenol	6.984	94	515252	40.940	ng	94
11) bis(2-Chloroethyl)ether	7.195	93	395860	40.118	ng	95
12) 1,3-Dichlorobenzene	7.653	146	389939	39.823	ng	95
13) 1,4-Dichlorobenzene	7.800	146	406902	41.575	ng	97
14) 1,2-Dichlorobenzene	8.118	146	394349	40.942	ng	98
15) Benzyl Alcohol	8.012	79	344103	39.672	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.300	45	574331	40.434	ng	97
17) 2-Methylphenol	8.223	107	343023	41.989	ng	98
18) Hexachloroethane	8.840	117	153185	40.354	ng	94
19) n-Nitroso-di-n-propyla...	8.576	70	341416	38.675	ng	96
20) 3+4-Methylphenols	8.552	107	451644	41.101	ng	95
22) Acetophenone	8.588	105	611050	39.089	ng	# 96
24) Nitrobenzene	8.970	77	560175	39.476	ng	95
25) Isophorone	9.487	82	919493	39.477	ng	99
26) 2-Nitrophenol	9.675	139	186634	41.449	ng	94
27) 2,4-Dimethylphenol	9.751	122	232530	40.499	ng	97
28) bis(2-Chloroethoxy)met...	9.974	93	548821	39.513	ng	100
29) 2,4-Dichlorophenol	10.221	162	353480	41.203	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	414990	39.994	ng	98
31) Naphthalene	10.609	128	1145127	40.575	ng	99
32) Benzoic acid	9.933	122	157429m	40.987	ng	
33) 4-Chloroaniline	10.726	127	390017	42.568	ng	96
34) Hexachlorobutadiene	10.891	225	271145	38.122	ng	97
35) Caprolactam	11.496	113	120716	42.612	ng	95
36) 4-Chloro-3-methylphenol	11.866	107	389232	40.873	ng	99
37) 2-Methylnaphthalene	12.225	142	796202	40.152	ng	99
38) 1-Methylnaphthalene	12.448	142	788457	39.978	ng	99
40) 1,2,4,5-Tetrachloroben...	12.601	216	469856	39.334	ng	98
41) Hexachlorocyclopentadiene	12.577	237	53354	34.146	ng	87
43) 2,4,6-Trichlorophenol	12.853	196	286452	40.712	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.930	196	327858	41.521	ng	95
46) 1,1'-Biphenyl	13.247	154	1061368	40.844	ng	98
47) 2-Chloronaphthalene	13.288	162	867955	40.626	ng	98
48) 2-Nitroaniline	13.500	65	293703	41.087	ng	91
49) Acenaphthylene	14.140	152	1284707	40.586	ng	99
50) Dimethylphthalate	13.881	163	1039383	39.968	ng	99
51) 2,6-Dinitrotoluene	14.005	165	242959	41.941	ng	91
52) Acenaphthene	14.487	154	786660	40.646	ng	98
53) 3-Nitroaniline	14.334	138	226501	42.622	ng	93
54) 2,4-Dinitrophenol	14.551	184	92250	34.350	ng	95
55) Dibenzofuran	14.822	168	1323083	39.384	ng	99
56) 4-Nitrophenol	14.669	139	154303	42.346	ng	94
57) 2,4-Dinitrotoluene	14.798	165	330960	40.700	ng	# 98
58) Fluorene	15.474	166	1020190	39.084	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.057	232	260595	37.399	ng	97
60) Diethylphthalate	15.245	149	1013027	39.521	ng	98
61) 4-Chlorophenyl-phenyle...	15.468	204	545453	38.543	ng	99
62) 4-Nitroaniline	15.503	138	231743	41.952	ng	96
63) Azobenzene	15.762	77	1256300	38.744	ng	98
65) 4,6-Dinitro-2-methylph...	15.574	198	166982	41.704	ng	99
66) n-Nitrosodiphenylamine	15.685	169	881260	44.065	ng	98
67) 4-Bromophenyl-phenylether	16.361	248	359671	42.364	ng	93
68) Hexachlorobenzene	16.490	284	397975	41.061	ng	99
69) Atrazine	16.637	200	227989	35.561	ng	96
70) Pentachlorophenol	16.837	266	159991	39.789	ng	98
71) Phenanthrene	17.219	178	1673168	41.884	ng	99
72) Anthracene	17.307	178	1654048	42.537	ng	99
73) Carbazole	17.583	167	1536048	42.773	ng	99
74) Di-n-butylphthalate	18.141	149	1679234	41.966	ng	99
75) Fluoranthene	19.246	202	2083789	41.338	ng	99
77) Benzidine	19.428	184	475100	43.611	ng	96
78) Pyrene	19.604	202	2170200	40.636	ng	99
80) Butylbenzylphthalate	20.503	149	653104	39.636	ng	98
81) Benzo(a)anthracene	21.414	228	2057698	39.510	ng	99
82) 3,3'-Dichlorobenzidine	21.337	252	658523	40.703	ng	98
83) Chrysene	21.478	228	2005606	39.659	ng	98
84) Bis(2-ethylhexyl)phtha...	21.326	149	1000467	39.709	ng	97
85) Di-n-octyl phthalate	22.460	149	1636027	37.275	ng	99
87) Indeno(1,2,3-cd)pyrene	27.836	276	2387373	41.831	ng	# 89
88) Benzo(b)fluoranthene	23.488	252	2145873	41.770	ng	99
89) Benzo(k)fluoranthene	23.552	252	2011679	39.023	ng	99
90) Benzo(a)pyrene	24.299	252	1887012	41.355	ng	# 98
91) Dibenzo(a,h)anthracene	27.883	278	1936521	41.002	ng	100
92) Benzo(g,h,i)perylene	28.899	276	2031399	41.811	ng	98

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

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