

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
 Data File : BG063983.D
 Acq On : 3 Feb 2025 16:59
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG020325

Quant Time: Feb 04 03:20:41 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	57554	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	250776	20.000	ng	0.00
39) Acenaphthene-d10	14.500	164	173240	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	391413	20.000	ng	# 0.00
76) Chrysene-d12	21.474	240	420206	20.000	ng	0.00
86) Perylene-d12	24.500	264	451428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	303659	84.592	ng	-0.01
7) Phenol-d6	7.032	99	415210	84.286	ng	0.00
23) Nitrobenzene-d5	9.024	82	371433	90.016	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	162679	87.013	ng	0.00
45) 2-Fluorobiphenyl	13.125	172	867989	76.765	ng	0.00
79) Terphenyl-d14	19.864	244	1634516	81.237	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	55187	32.372	ng	96
3) Pyridine	3.765	79	169145	36.743	ng	99
4) n-Nitrosodimethylamine	3.683	42	99025	37.410	ng	95
6) Aniline	7.196	93	214776	40.684	ng	97
8) 2-Chlorophenol	7.431	128	160902	43.988	ng	99
9) Benzaldehyde	7.008	77	114865	42.712	ng	99
10) Phenol	7.055	94	213959	41.261	ng	96
11) bis(2-Chloroethyl)ether	7.296	93	167924	40.215	ng	95
12) 1,3-Dichlorobenzene	7.760	146	169528	38.949	ng	96
13) 1,4-Dichlorobenzene	7.907	146	173349	39.435	ng	97
14) 1,2-Dichlorobenzene	8.225	146	168069	39.891	ng	98
15) Benzyl Alcohol	8.101	79	155797	42.312	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.407	45	329368	39.171	ng	99
17) 2-Methylphenol	8.307	107	139196	41.505	ng	93
18) Hexachloroethane	8.953	117	61086	42.225	ng	97
19) n-Nitroso-di-n-propyla...	8.677	70	138092	40.479	ng	# 94
20) 3+4-Methylphenols	8.630	107	189329	42.374	ng	97
22) Acetophenone	8.689	105	273908	39.753	ng	98
24) Nitrobenzene	9.065	77	189280	40.346	ng	98
25) Isophorone	9.588	82	363011	40.583	ng	# 99
26) 2-Nitrophenol	9.776	139	51914	47.433	ng	96
27) 2,4-Dimethylphenol	9.835	122	110547	42.963	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	230391	40.478	ng	98
29) 2,4-Dichlorophenol	10.305	162	145586	41.051	ng	96
30) 1,2,4-Trichlorobenzene	10.522	180	167591	39.645	ng	95
31) Naphthalene	10.710	128	542435	40.345	ng	99
32) Benzoic acid	9.958	122	76026m	45.836	ng	
33) 4-Chloroaniline	10.816	127	210025	40.771	ng	98
34) Hexachlorobutadiene	11.004	225	107507	39.935	ng	100
35) Caprolactam	11.574	113	54489	42.136	ng	99
36) 4-Chloro-3-methylphenol	11.938	107	180676	43.869	ng	99
37) 2-Methylnaphthalene	12.320	142	373633	39.879	ng	98
38) 1-Methylnaphthalene	12.537	142	366093	39.490	ng	99
40) 1,2,4,5-Tetrachloroben...	12.690	216	198430	38.841	ng	100
41) Hexachlorocyclopentadiene	12.672	237	58427	45.188	ng	99
43) 2,4,6-Trichlorophenol	12.925	196	119118	40.514	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.990	196	134165	40.400	ng	99
46) 1,1'-Biphenyl	13.336	154	503460	38.170	ng	100
47) 2-Chloronaphthalene	13.372	162	370275	38.515	ng	99
48) 2-Nitroaniline	13.565	65	112776	44.383	ng	97
49) Acenaphthylene	14.218	152	588896	39.437	ng	98
50) Dimethylphthalate	13.959	163	483597	42.101	ng	100
51) 2,6-Dinitrotoluene	14.065	165	90487	42.654	ng	96
52) Acenaphthene	14.564	154	400608	39.995	ng	98
53) 3-Nitroaniline	14.394	138	100935	40.569	ng	99
54) 2,4-Dinitrophenol	14.600	184	25013	47.424	ng	93
55) Dibenzofuran	14.899	168	644130	39.604	ng	98
56) 4-Nitrophenol	14.694	139	86853	43.406	ng	95
57) 2,4-Dinitrotoluene	14.852	165	122954	44.184	ng	# 96
58) Fluorene	15.545	166	496813	39.521	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.122	232	135962	42.381	ng	98
60) Diethylphthalate	15.328	149	536976	44.092	ng	98
61) 4-Chlorophenyl-phenyle...	15.545	204	245966	38.996	ng	98
62) 4-Nitroaniline	15.557	138	111268	41.528	ng	95
63) Azobenzene	15.839	77	571955	39.763	ng	99
65) 4,6-Dinitro-2-methylph...	15.616	198	41712	45.314	ng	95
66) n-Nitrosodiphenylamine	15.757	169	435794	40.157	ng	96
67) 4-Bromophenyl-phenylether	16.439	248	158933	40.795	ng	97
68) Hexachlorobenzene	16.550	284	183508	40.064	ng	97
69) Atrazine	16.709	200	162149	44.898	ng	99
70) Pentachlorophenol	16.885	266	111499	41.902	ng	95
71) Phenanthrene	17.285	178	824949	40.128	ng	100
72) Anthracene	17.373	178	822921	40.005	ng	100
73) Carbazole	17.637	167	787304	40.885	ng	99
74) Di-n-butylphthalate	18.219	149	934157	46.539	ng	99
75) Fluoranthene	19.294	202	1020324	40.759	ng	99
77) Benzidine	19.470	184	342511	38.278	ng	99
78) Pyrene	19.652	202	1063833	41.009	ng	99
80) Butylbenzylphthalate	20.557	149	375602	42.221	ng	99
81) Benzo(a)anthracene	21.456	228	1083578	40.615	ng	100
82) 3,3'-Dichlorobenzidine	21.374	252	371157	44.672	ng	99
83) Chrysene	21.521	228	1078198	40.609	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	599462	41.896	ng	100
85) Di-n-octyl phthalate	22.555	149	997569	42.834	ng	98
87) Indeno(1,2,3-cd)pyrene	27.925	276	1185350	40.701	ng	98
88) Benzo(b)fluoranthene	23.548	252	1070145	40.258	ng	98
89) Benzo(k)fluoranthene	23.612	252	1105111	40.487	ng	100
90) Benzo(a)pyrene	24.359	252	974268	41.061	ng	99
91) Dibenzo(a,h)anthracene	27.984	278	1009580	41.054	ng	98
92) Benzo(g,h,i)perylene	28.983	276	1003616	40.427	ng	98

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

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