

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
 Data File : BG063958.D
 Acq On : 24 Jan 2025 15:39
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 27 15:00:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:52:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	80560	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	353156	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	224351	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	495674	20.000	ng	0.00
76) Chrysene-d12	21.561	240	522708	20.000	ng	0.00
86) Perylene-d12	24.651	264	535030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	552972	94.712	ng	0.00
7) Phenol-d6	7.113	99	747370	94.775	ng	0.00
23) Nitrobenzene-d5	9.111	82	608207	102.576	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	238190	103.939	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	1501753	94.601	ng	0.00
79) Terphenyl-d14	19.933	244	2433324	93.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.476	88	117266	45.299	ng	98
3) Pyridine	3.858	79	334520m	47.159	ng	
4) n-Nitrosodimethylamine	3.776	42	191375	47.419	ng	97
6) Aniline	7.283	93	310427	47.500	ng	97
8) 2-Chlorophenol	7.518	128	287182	46.849	ng	98
9) Benzaldehyde	7.095	77	190658	41.008	ng	96
10) Phenol	7.142	94	393432	47.235	ng	99
11) bis(2-Chloroethyl)ether	7.383	93	301650	46.278	ng	98
12) 1,3-Dichlorobenzene	7.847	146	312847	47.275	ng	99
13) 1,4-Dichlorobenzene	7.988	146	313581	46.754	ng	98
14) 1,2-Dichlorobenzene	8.311	146	305789	46.919	ng	96
15) Benzyl Alcohol	8.188	79	282338	48.243	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.482	45	572469	47.520	ng	98
17) 2-Methylphenol	8.388	107	262595	48.424	ng	94
18) Hexachloroethane	9.040	117	112897	48.265	ng	96
19) n-Nitroso-di-n-propyla...	8.764	70	249749	46.988	ng	97
20) 3+4-Methylphenols	8.717	107	352676	47.698	ng	98
22) Acetophenone	8.776	105	477837	46.964	ng	99
24) Nitrobenzene	9.152	77	345566	51.640	ng	98
25) Isophorone	9.675	82	676517	47.096	ng	98
26) 2-Nitrophenol	9.857	139	94693	48.424	ng	98
27) 2,4-Dimethylphenol	9.915	122	199398	47.896	ng	98
28) bis(2-Chloroethoxy)met...	10.156	93	420713	47.879	ng	99
29) 2,4-Dichlorophenol	10.386	162	260176	49.573	ng	97
30) 1,2,4-Trichlorobenzene	10.609	180	307632	47.621	ng	97
31) Naphthalene	10.797	128	959584	47.321	ng	99
32) Benzoic acid	10.062	122	190533m	54.376	ng	
33) 4-Chloroaniline	10.897	127	342945	47.742	ng	95
34) Hexachlorobutadiene	11.091	225	199443	47.415	ng	98
35) Caprolactam	11.666	113	99437	48.861	ng	96
36) 4-Chloro-3-methylphenol	12.013	107	330328	48.995	ng	96
37) 2-Methylnaphthalene	12.401	142	662904	48.615	ng	98
38) 1-Methylnaphthalene	12.624	142	657483	48.166	ng	96
40) 1,2,4,5-Tetrachloroben...	12.765	216	339323	48.612	ng	97
41) Hexachlorocyclopentadiene	12.753	237	76584	53.478	ng	91
43) 2,4,6-Trichlorophenol	13.000	196	217465	51.162	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	245189	50.046	ng	97
46) 1,1'-Biphenyl	13.411	154	873253	48.037	ng	100
47) 2-Chloronaphthalene	13.447	162	675193	48.332	ng	98
48) 2-Nitroaniline	13.646	65	192767	47.564	ng	97
49) Acenaphthylene	14.293	152	960305	47.686	ng	98
50) Dimethylphthalate	14.034	163	811344	47.789	ng	99
51) 2,6-Dinitrotoluene	14.146	165	152195	48.714	ng	94
52) Acenaphthene	14.639	154	660569	47.631	ng	96
53) 3-Nitroaniline	14.469	138	158955	48.344	ng	95
54) 2,4-Dinitrophenol	14.669	184	35763	45.127	ng	# 80
55) Dibenzofuran	14.974	168	1009134	47.594	ng	98
56) 4-Nitrophenol	14.769	139	136084	47.039	ng	97
57) 2,4-Dinitrotoluene	14.927	165	184961	46.946	ng	92
58) Fluorene	15.621	166	812576	47.200	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.192	232	207315	50.364	ng	99
60) Diethylphthalate	15.403	149	860635	47.417	ng	97
61) 4-Chlorophenyl-phenyle...	15.615	204	395104	46.753	ng	99
62) 4-Nitroaniline	15.632	138	168890	46.663	ng	96
63) Azobenzene	15.908	77	930449	47.664	ng	99
65) 4,6-Dinitro-2-methylph...	15.691	198	61882	48.283	ng	96
66) n-Nitrosodiphenylamine	15.826	169	703258	47.864	ng	100
67) 4-Bromophenyl-phenylether	16.508	248	249492	48.502	ng	93
68) Hexachlorobenzene	16.619	284	295316	48.495	ng	96
69) Atrazine	16.772	200	93389	43.984	ng	96
70) Pentachlorophenol	16.960	266	182212	51.091	ng	97
71) Phenanthrene	17.354	178	1311102	47.608	ng	99
72) Anthracene	17.448	178	1290817	47.787	ng	99
73) Carbazole	17.712	167	1252650	46.725	ng	98
74) Di-n-butylphthalate	18.288	149	1509217	47.838	ng	98
75) Fluoranthene	19.363	202	1591989	46.202	ng	98
77) Benzidine	19.545	184	440621	48.264	ng	97
78) Pyrene	19.727	202	1690868	48.347	ng	100
80) Butylbenzylphthalate	20.626	149	661146	51.231	ng	97
81) Benzo(a)anthracene	21.543	228	1716597	47.892	ng	100
82) 3,3'-Dichlorobenzidine	21.461	252	570739	49.337	ng	97
83) Chrysene	21.608	228	1650537	47.665	ng	99
84) Bis(2-ethylhexyl)phtha...	21.484	149	1023364	49.481	ng	98
85) Di-n-octyl phthalate	22.665	149	1717022	50.532	ng	100
87) Indeno(1,2,3-cd)pyrene	28.165	276	1830009	48.924	ng	100
88) Benzo(b)fluoranthene	23.682	252	1671559	48.458	ng	100
89) Benzo(k)fluoranthene	23.746	252	1667965	48.661	ng	98
90) Benzo(a)pyrene	24.510	252	1475313	48.738	ng	97
91) Dibenzo(a,h)anthracene	28.229	278	1533758	49.204	ng	99
92) Benzo(g,h,i)perylene	29.252	276	1533587	49.049	ng	99

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

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