

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064098.D
 Acq On : 11 Mar 2025 16:37
 Operator : RC/JU
 Sample : Q1534-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MS

Quant Time: Mar 11 17:13:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	39845	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	183726	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	118666	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	249194	20.000	ng	0.00
76) Chrysene-d12	21.463	240	242542	20.000	ng	0.00
86) Perylene-d12	24.477	264	260777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	285984	112.071	ng	0.00
7) Phenol-d6	7.033	99	380718	109.671	ng	0.00
23) Nitrobenzene-d5	9.019	82	255956	76.988	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	157584	119.467	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	517690	66.219	ng	0.00
79) Terphenyl-d14	19.847	244	757783	63.174	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	45021	38.929	ng	97
3) Pyridine	3.760	79	105734	37.593	ng	97
4) n-Nitrosodimethylamine	3.678	42	94798	47.175	ng	97
6) Aniline	7.198	93	66082	19.399	ng	97
8) 2-Chlorophenol	7.433	128	127098	46.375	ng	97
9) Benzaldehyde	7.004	77	42548	21.074	ng	94
10) Phenol	7.062	94	169179	47.600	ng	97
11) bis(2-Chloroethyl)ether	7.292	93	115981	41.623	ng	98
12) 1,3-Dichlorobenzene	7.756	146	131430	43.670	ng	98
13) 1,4-Dichlorobenzene	7.903	146	135766	44.011	ng	99
14) 1,2-Dichlorobenzene	8.214	146	130793	43.970	ng	99
15) Benzyl Alcohol	8.102	79	128603	47.940	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.384	45	269588	43.027	ng	98
17) 2-Methylphenol	8.302	107	110524	46.854	ng	94
18) Hexachloroethane	8.943	117	52694	48.822	ng	97
19) n-Nitroso-di-n-propyla...	8.672	70	102083	41.901	ng	98
20) 3+4-Methylphenols	8.631	107	151707	46.715	ng	94
22) Acetophenone	8.678	105	227892	45.240	ng	97
24) Nitrobenzene	9.060	77	151309	44.038	ng	94
25) Isophorone	9.583	82	281524	42.306	ng	# 96
26) 2-Nitrophenol	9.765	139	63044	52.038	ng	95
27) 2,4-Dimethylphenol	9.830	122	114675	57.484	ng	94
28) bis(2-Chloroethoxy)met...	10.065	93	164171	40.693	ng	98
29) 2,4-Dichlorophenol	10.300	162	118050	46.864	ng	98
30) 1,2,4-Trichlorobenzene	10.517	180	127860	42.047	ng	98
31) Naphthalene	10.705	128	410137	41.399	ng	100
32) Benzoic acid	9.988	122	97852m	52.436	ng	
33) 4-Chloroaniline	10.805	127	34739	9.594	ng	97
34) Hexachlorobutadiene	10.993	225	86900	43.599	ng	98
35) Caprolactam	11.569	113	45256m	46.882	ng	
36) 4-Chloro-3-methylphenol	11.933	107	145232	43.984	ng	99
37) 2-Methylnaphthalene	12.309	142	279906	40.021	ng	97
38) 1-Methylnaphthalene	12.532	142	274835	40.110	ng	98
40) 1,2,4,5-Tetrachloroben...	12.679	216	168077	49.612	ng	97
41) Hexachlorocyclopentadiene	12.668	237	163761	171.745	ng	99
43) 2,4,6-Trichlorophenol	12.920	196	103543	51.858	ng	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.991	196	110146	49.647	ng	99
46) 1,1'-Biphenyl	13.326	154	431842	48.168	ng	97
47) 2-Chloronaphthalene	13.361	162	291566	44.591	ng	100
48) 2-Nitroaniline	13.561	65	106338	48.811	ng	96
49) Acenaphthylene	14.207	152	474277	45.858	ng	99
50) Dimethylphthalate	13.948	163	363785	41.530	ng	99
51) 2,6-Dinitrotoluene	14.060	165	76233	43.254	ng	92
52) Acenaphthene	14.554	154	300415	43.282	ng	96
53) 3-Nitroaniline	14.389	138	44363	26.204	ng	90
54) 2,4-Dinitrophenol	14.595	184	82170	107.857	ng	# 76
55) Dibenzofuran	14.889	168	463967	41.263	ng	98
56) 4-Nitrophenol	14.700	139	142842	100.603	ng	90
57) 2,4-Dinitrotoluene	14.847	165	111371	45.616	ng	# 99
58) Fluorene	15.535	166	363977	41.561	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.112	232	102978	47.611	ng	95
60) Diethylphthalate	15.317	149	385583	40.547	ng	98
61) 4-Chlorophenyl-phenyle...	15.535	204	180512	41.478	ng	91
62) 4-Nitroaniline	15.552	138	77859	42.597	ng	93
63) Azobenzene	15.823	77	445483	43.901	ng	96
65) 4,6-Dinitro-2-methylph...	15.611	198	58100	52.952	ng	97
66) n-Nitrosodiphenylamine	15.746	169	322530	45.725	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	120325	47.145	ng	94
68) Hexachlorobenzene	16.540	284	130938	45.826	ng	97
69) Atrazine	16.698	200	138383	66.677	ng	94
70) Pentachlorophenol	16.880	266	175660	99.015	ng	95
71) Phenanthrene	17.274	178	640715	48.205	ng	98
72) Anthracene	17.362	178	610401	46.185	ng	98
73) Carbazole	17.626	167	536935	43.513	ng	98
74) Di-n-butylphthalate	18.202	149	653082	44.962	ng	100
75) Fluoranthene	19.283	202	832343	51.944	ng	98
77) Benzidine	19.465	184	161612	48.120	ng	99
78) Pyrene	19.642	202	817498	52.287	ng	99
80) Butylbenzylphthalate	20.547	149	290140	49.344	ng	99
81) Benzo(a)anthracene	21.446	228	770111	49.568	ng	99
82) 3,3'-Dichlorobenzidine	21.363	252	110418	21.960	ng	# 96
83) Chrysene	21.504	228	731207	47.188	ng	98
84) Bis(2-ethylhexyl)phtha...	21.375	149	429038	51.061	ng	99
85) Di-n-octyl phthalate	22.527	149	731972	50.505	ng	100
87) Indeno(1,2,3-cd)pyrene	27.879	276	880561	50.468	ng	# 95
88) Benzo(b)fluoranthene	23.531	252	785611	49.833	ng	99
89) Benzo(k)fluoranthene	23.596	252	747994	47.295	ng	98
90) Benzo(a)pyrene	24.342	252	725778	51.693	ng	95
91) Dibenzo(a,h)anthracene	27.950	278	677632	46.846	ng	99
92) Benzo(g,h,i)perylene	28.948	276	694719	46.778	ng	96

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

