

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064099.D
 Acq On : 11 Mar 2025 17:18
 Operator : RC/JU
 Sample : Q1534-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 11 18:03:21 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	7.862	152	36861	20.000	ng	0.00
21) Naphthalene-d8	10.653	136	160546	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	104879	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	227860	20.000	ng	0.00
76) Chrysene-d12	21.464	240	229044	20.000	ng	0.00
86) Perylene-d12	24.478	264	250751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	257007	108.869	ng	0.00
7) Phenol-d6	7.033	99	338622	105.442	ng	0.00
23) Nitrobenzene-d5	9.019	82	230571	79.365	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	145133	124.492	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	456868	66.121	ng	0.00
79) Terphenyl-d14	19.848	244	717970	63.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	41064	38.382	ng	96
3) Pyridine	3.761	79	94458	36.303	ng	99
4) n-Nitrosodimethylamine	3.679	42	80131	43.104	ng	95
6) Aniline	7.192	93	57045	18.102	ng	93
8) 2-Chlorophenol	7.433	128	116852	46.088	ng	96
9) Benzaldehyde	7.004	77	37059	19.841	ng	98
10) Phenol	7.063	94	150432	45.751	ng	97
11) bis(2-Chloroethyl)ether	7.292	93	104304	40.463	ng	97
12) 1,3-Dichlorobenzene	7.756	146	119172	42.803	ng	98
13) 1,4-Dichlorobenzene	7.897	146	122364	42.877	ng	95
14) 1,2-Dichlorobenzene	8.214	146	118987	43.239	ng	99
15) Benzyl Alcohol	8.097	79	112956	45.516	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.391	45	244099	42.113	ng	99
17) 2-Methylphenol	8.303	107	99955	45.804	ng	97
18) Hexachloroethane	8.943	117	47128	47.200	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	91078	40.411	ng	98
20) 3+4-Methylphenols	8.632	107	133843	44.551	ng	90
22) Acetophenone	8.679	105	198932	45.193	ng	98
24) Nitrobenzene	9.060	77	136810	45.567	ng	94
25) Isophorone	9.583	82	248401	42.718	ng	96
26) 2-Nitrophenol	9.766	139	55617	52.437	ng	# 90
27) 2,4-Dimethylphenol	9.830	122	102529	58.817	ng	97
28) bis(2-Chloroethoxy)met...	10.065	93	142907	40.536	ng	97
29) 2,4-Dichlorophenol	10.300	162	104851	47.634	ng	97
30) 1,2,4-Trichlorobenzene	10.518	180	113058	42.548	ng	97
31) Naphthalene	10.700	128	362504	41.874	ng	99
32) Benzoic acid	9.983	122	90041m	54.756	ng	
33) 4-Chloroaniline	10.806	127	35869	11.336	ng	97
34) Hexachlorobutadiene	10.994	225	78334	44.976	ng	94
35) Caprolactam	11.575	113	39362m	46.664	ng	
36) 4-Chloro-3-methylphenol	11.934	107	129912	45.025	ng	99
37) 2-Methylnaphthalene	12.310	142	245425	40.157	ng	96
38) 1-Methylnaphthalene	12.533	142	244859	40.895	ng	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	143931	48.070	ng	94
41) Hexachlorocyclopentadiene	12.662	237	135304	160.555	ng	95
43) 2,4,6-Trichlorophenol	12.915	196	90364	51.206	ng	99

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44) 2,4,5-Trichlorophenol	12.991	196	97812	49.883	ng	98
46) 1,1'-Biphenyl	13.326	154	379279	47.866	ng	99
47) 2-Chloronaphthalene	13.361	162	259884	44.970	ng	98
48) 2-Nitroaniline	13.561	65	96480	49.877	ng	95
49) Acenaphthylene	14.207	152	420136	45.963	ng	100
50) Dimethylphthalate	13.949	163	324105	41.864	ng	100
51) 2,6-Dinitrotoluene	14.061	165	69016	44.226	ng	93
52) Acenaphthene	14.554	154	267447	43.598	ng	96
53) 3-Nitroaniline	14.384	138	38826	25.948	ng	100
54) 2,4-Dinitrophenol	14.595	184	71498	106.308	ng	# 71
55) Dibenzofuran	14.889	168	411899	41.448	ng	99
56) 4-Nitrophenol	14.701	139	133216	106.157	ng	92
57) 2,4-Dinitrotoluene	14.848	165	103560	47.802	ng	# 98
58) Fluorene	15.535	166	332059	42.901	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.112	232	93038	48.670	ng	# 94
60) Diethylphthalate	15.318	149	343845	40.912	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	160637	41.764	ng	93
62) 4-Nitroaniline	15.553	138	68896	42.648	ng	92
63) Azobenzene	15.823	77	410064	45.723	ng	97
65) 4,6-Dinitro-2-methylph...	15.606	198	51090	51.236	ng	95
66) n-Nitrosodiphenylamine	15.747	169	290857	45.095	ng	97
67) 4-Bromophenyl-phenylether	16.422	248	106964	45.834	ng	96
68) Hexachlorobenzene	16.540	284	119434	45.713	ng	96
69) Atrazine	16.699	200	125547	66.156	ng	94
70) Pentachlorophenol	16.881	266	165181	101.826	ng	99
71) Phenanthrene	17.269	178	593381	48.824	ng	99
72) Anthracene	17.363	178	561767	46.485	ng	98
73) Carbazole	17.627	167	506551	44.894	ng	99
74) Di-n-butylphthalate	18.203	149	600944	45.246	ng	99
75) Fluoranthene	19.284	202	779571	53.206	ng	98
77) Benzidine	19.460	184	171089	53.944	ng	99
78) Pyrene	19.642	202	782598	53.005	ng	99
80) Butylbenzylphthalate	20.541	149	279315	50.232	ng	96
81) Benzo(a)anthracene	21.446	228	746275	50.864	ng	99
82) 3,3'-Dichlorobenzidine	21.364	252	122574	25.814	ng	99
83) Chrysene	21.505	228	723205	49.422	ng	99
84) Bis(2-ethylhexyl)phtha...	21.375	149	411903	51.911	ng	99
85) Di-n-octyl phthalate	22.521	149	708631	51.776	ng	100
87) Indeno(1,2,3-cd)pyrene	27.885	276	841394	50.151	ng	# 95
88) Benzo(b)fluoranthene	23.532	252	753441	49.703	ng	99
89) Benzo(k)fluoranthene	23.596	252	722579	47.515	ng	97
90) Benzo(a)pyrene	24.343	252	705169	52.234	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	654641	47.066	ng	98
92) Benzo(g,h,i)perylene	28.949	276	676156	47.348	ng	96

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

