

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064042.D
 Acq On : 3 Mar 2025 17:40
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030325

Quant Time: Mar 04 08:21:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 08:17:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	34313	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	165030	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	119335	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	270783	20.000	ng	0.00
76) Chrysene-d12	21.460	240	274162	20.000	ng	0.00
86) Perylene-d12	24.474	264	282644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	176820	88.383	ng	0.00
7) Phenol-d6	7.024	99	254968	90.349	ng	0.00
23) Nitrobenzene-d5	9.016	82	258224	90.943	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	115870	89.394	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	634504	80.894	ng	0.00
79) Terphenyl-d14	19.850	244	1072318	79.388	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	36942	36.869	ng	99
3) Pyridine	3.757	79	95794m	40.302	ng	
4) n-Nitrosodimethylamine	3.675	42	68023	39.224	ng	# 100
6) Aniline	7.188	93	126237	41.886	ng	94
8) 2-Chlorophenol	7.429	128	95162	44.719	ng	97
9) Benzaldehyde	7.000	77	74052m	44.018	ng	
10) Phenol	7.053	94	132017	44.916	ng	95
11) bis(2-Chloroethyl)ether	7.288	93	97963	40.172	ng	94
12) 1,3-Dichlorobenzene	7.752	146	99829	39.406	ng	99
13) 1,4-Dichlorobenzene	7.899	146	103631	39.572	ng	97
14) 1,2-Dichlorobenzene	8.217	146	101037	40.410	ng	95
15) Benzyl Alcohol	8.093	79	102244	44.146	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.399	45	227014	41.331	ng	98
17) 2-Methylphenol	8.299	107	88942	44.965	ng	97
18) Hexachloroethane	8.945	117	37885	43.168	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	100215	45.329	ng	98
20) 3+4-Methylphenols	8.628	107	123762	43.605	ng	97
22) Acetophenone	8.681	105	183845	40.369	ng	98
24) Nitrobenzene	9.057	77	133365	44.518	ng	94
25) Isophorone	9.580	82	259841	43.066	ng	99
26) 2-Nitrophenol	9.768	139	39255	48.302	ng	# 87
27) 2,4-Dimethylphenol	9.826	122	75007	46.762	ng	98
28) bis(2-Chloroethoxy)met...	10.062	93	152291	41.053	ng	98
29) 2,4-Dichlorophenol	10.297	162	96241	41.806	ng	94
30) 1,2,4-Trichlorobenzene	10.514	180	107666	39.996	ng	98
31) Naphthalene	10.702	128	355940	40.044	ng	99
32) Benzoic acid	9.973	122	53572m	48.530	ng	
33) 4-Chloroaniline	10.802	127	141248	42.922	ng	98
34) Hexachlorobutadiene	10.996	225	69839	39.907	ng	97
35) Caprolactam	11.572	113	39142	48.775	ng	# 86
36) 4-Chloro-3-methylphenol	11.930	107	127715	45.277	ng	98
37) 2-Methylnaphthalene	12.312	142	261977	40.845	ng	99
38) 1-Methylnaphthalene	12.529	142	258614	40.385	ng	99
40) 1,2,4,5-Tetrachloroben...	12.682	216	136506	41.205	ng	98
41) Hexachlorocyclopentadiene	12.664	237	38887	43.968	ng	94
43) 2,4,6-Trichlorophenol	12.917	196	86051	42.600	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	94775	42.067	ng	90
46) 1,1'-Biphenyl	13.322	154	367681	40.407	ng	99
47) 2-Chloronaphthalene	13.364	162	266647	40.730	ng	98
48) 2-Nitroaniline	13.557	65	88709	47.179	ng	91
49) Acenaphthylene	14.210	152	428384	41.454	ng	98
50) Dimethylphthalate	13.951	163	365593	46.746	ng	99
51) 2,6-Dinitrotoluene	14.057	165	73115	43.480	ng	93
52) Acenaphthene	14.550	154	294223	41.593	ng	99
53) 3-Nitroaniline	14.386	138	75480	42.808	ng	96
54) 2,4-Dinitrophenol	14.591	184	25435	49.777	ng	98
55) Dibenzofuran	14.885	168	462220	40.869	ng	99
56) 4-Nitrophenol	14.691	139	60753	45.033	ng	93
57) 2,4-Dinitrotoluene	14.844	165	97820	42.564	ng	# 98
58) Fluorene	15.537	166	355294	40.734	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.109	232	96614	45.151	ng	97
60) Diethylphthalate	15.314	149	399653	48.305	ng	98
61) 4-Chlorophenyl-phenylether	15.532	204	179629	40.741	ng	95
62) 4-Nitroaniline	15.549	138	77757	41.577	ng	96
63) Azobenzene	15.825	77	425535	41.078	ng	100
65) 4,6-Dinitro-2-methylph...	15.608	198	41411	48.356	ng	96
66) n-Nitrosodiphenylamine	15.743	169	312661	41.585	ng	97
67) 4-Bromophenyl-phenylether	16.425	248	114254	41.104	ng	98
68) Hexachlorobenzene	16.536	284	127511	41.192	ng	97
69) Atrazine	16.695	200	90364	53.408	ng	99
70) Pentachlorophenol	16.877	266	79372	44.133	ng	95
71) Phenanthrene	17.271	178	579001	40.186	ng	99
72) Anthracene	17.359	178	582986	40.706	ng	99
73) Carbazole	17.629	167	534187	41.975	ng	98
74) Di-n-butylphthalate	18.205	149	656926	43.835	ng	99
75) Fluoranthene	19.280	202	690345	40.913	ng	98
77) Benzidine	19.462	184	186320	52.807	ng	96
78) Pyrene	19.639	202	715006	40.872	ng	100
80) Butylbenzylphthalate	20.543	149	241918	49.445	ng	98
81) Benzo(a)anthracene	21.442	228	701038	40.122	ng	99
82) 3,3'-Dichlorobenzidine	21.366	252	237809	47.248	ng	100
83) Chrysene	21.507	228	698429	39.905	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	397977	46.676	ng	# 99
85) Di-n-octyl phthalate	22.529	149	648238	46.949	ng	96
87) Indeno(1,2,3-cd)pyrene	27.876	276	789846	42.045	ng	98
88) Benzo(b)fluoranthene	23.528	252	705779	41.799	ng	98
89) Benzo(k)fluoranthene	23.593	252	709958	41.312	ng	99
90) Benzo(a)pyrene	24.333	252	628465	41.732	ng	99
91) Dibenzo(a,h)anthracene	27.935	278	657857	42.393	ng	99
92) Benzo(g,h,i)perylene	28.939	276	669648	41.440	ng	99

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

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