

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054228.D
 Acq On : 7 Jul 2022 16:53
 Operator : CG/JU
 Sample : N3575-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

WC-4MS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 18:31:54 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	18096	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	70985	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	60893	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	178267	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	198834	20.000	ng	0.00
86) Perylene-d12	24.962	264	211273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	131312	138.736	ng	0.00
7) Phenol-d6	7.230	99	163332	127.208	ng	0.00
23) Nitrobenzene-d5	9.228	82	128025	101.353	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	179785	183.763	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	379632	90.657	ng	-0.01
79) Terphenyl-d14	20.039	244	1012320	102.543	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	15911	38.456	ng	# 88
3) Pyridine	3.911	79	33115	29.993	ng	93
4) n-Nitrosodimethylamine	3.822	42	24818	51.102	ng	# 87
6) Aniline	7.383	93	42184	27.711	ng	96
8) 2-Chlorophenol	7.630	128	56082	55.493	ng	91
9) Benzaldehyde	7.195	77	38834	51.247	ng	# 76
10) Phenol	7.260	94	60635	46.598	ng	95
11) bis(2-Chloroethyl)ether	7.477	93	49330	49.391	ng	93
12) 1,3-Dichlorobenzene	7.953	146	61509	48.572	ng	88
13) 1,4-Dichlorobenzene	8.100	146	62874	49.427	ng	98
14) 1,2-Dichlorobenzene	8.417	146	61188	50.108	ng	96
15) Benzyl Alcohol	8.300	79	54106m	56.381	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	70936	47.510	ng	98
17) 2-Methylphenol	8.511	107	48167	53.286	ng	92
18) Hexachloroethane	9.146	117	20660	48.959	ng	# 76
19) n-Nitroso-di-n-propyla...	8.864	70	43770	50.741	ng	96
20) 3+4-Methylphenols	8.840	107	64262	50.692	ng	95
22) Acetophenone	8.881	105	88125	51.073	ng	# 95
24) Nitrobenzene	9.269	77	64325	51.713	ng	# 85
25) Isophorone	9.786	82	124993	52.983	ng	95
26) 2-Nitrophenol	9.980	139	32455	59.073	ng	88
27) 2,4-Dimethylphenol	10.039	122	56050	63.030	ng	91
28) bis(2-Chloroethoxy)met...	10.268	93	70979	55.850	ng	# 97
29) 2,4-Dichlorophenol	10.521	162	68745	57.658	ng	92
30) 1,2,4-Trichlorobenzene	10.738	180	73696	49.919	ng	94
31) Naphthalene	10.926	128	174484	48.691	ng	100
32) Benzoic acid	10.168	122	15288m	41.469	ng	
33) 4-Chloroaniline	11.032	127	29088	19.566	ng	93
34) Hexachlorobutadiene	11.208	225	58872	51.869	ng	96
35) Caprolactam	11.795	113	18302m	55.760	ng	
36) 4-Chloro-3-methylphenol	12.154	107	71510	61.698	ng	# 87
37) 2-Methylnaphthalene	12.524	142	137515	51.867	ng	97
38) 1-Methylnaphthalene	12.741	142	131270	50.849	ng	98
40) 1,2,4,5-Tetrachloroben...	12.894	216	113683	48.451	ng	# 95
41) Hexachlorocyclopentadiene	12.871	237	75878	69.450	ng	97
43) 2,4,6-Trichlorophenol	13.129	196	70556	53.533	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	81986	55.711	ng	# 90
46) 1,1'-Biphenyl	13.523	154	205495	48.448	ng	98
47) 2-Chloronaphthalene	13.570	162	165633	48.252	ng	96
48) 2-Nitroaniline	13.770	65	52598	57.602	ng	86
49) Acenaphthylene	14.416	152	264829	49.615	ng	100
50) Dimethylphthalate	14.140	163	247023	53.266	ng	99
51) 2,6-Dinitrotoluene	14.263	165	57113	60.955	ng	# 73
52) Acenaphthene	14.757	154	193526m	56.879	ng	
53) 3-Nitroaniline	14.592	138	23664	26.069	ng	88
54) 2,4-Dinitrophenol	14.804	184	58271	109.826	ng	# 79
55) Dibenzofuran	15.086	168	283670	51.746	ng	95
56) 4-Nitrophenol	14.909	139	68362	106.074	ng	89
57) 2,4-Dinitrotoluene	15.050	165	85052	64.274	ng	# 82
58) Fluorene	15.738	166	239488	53.208	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.315	232	84880	58.978	ng	# 88
60) Diethylphthalate	15.497	149	251242	55.942	ng	96
61) 4-Chlorophenyl-phenyle...	15.726	204	150098	55.703	ng	# 87
62) 4-Nitroaniline	15.756	138	52310	55.257	ng	# 81
63) Azobenzene	16.020	77	193172	53.435	ng	89
65) 4,6-Dinitro-2-methylph...	15.820	198	51465	57.866	ng	80
66) n-Nitrosodiphenylamine	15.938	169	224532	48.328	ng	98
67) 4-Bromophenyl-phenylether	16.619	248	115068	51.682	ng	# 91
68) Hexachlorobenzene	16.749	284	129324	50.778	ng	# 90
69) Atrazine	16.884	200	113937	59.200	ng	95
70) Pentachlorophenol	17.089	266	122043	103.159	ng	98
71) Phenanthrene	17.477	178	444795	48.564	ng	97
72) Anthracene	17.571	178	457671	51.172	ng	98
73) Carbazole	17.835	167	398543	51.915	ng	98
74) Di-n-butylphthalate	18.388	149	461124	51.951	ng	# 98
75) Fluoranthene	19.486	202	596177	49.586	ng	96
77) Benzidine	19.657	184	174454	42.367	ng	98
78) Pyrene	19.845	202	597312	49.738	ng	98
80) Butylbenzylphthalate	20.726	149	204610	53.156	ng	85
81) Benzo(a)anthracene	21.690	228	639734	49.691	ng	99
82) 3,3'-Dichlorobenzidine	21.602	252	134191	34.887	ng	99
83) Chrysene	21.760	228	596641	48.619	ng	97
84) Bis(2-ethylhexyl)phtha...	21.590	149	293315	53.279	ng	# 94
85) Di-n-octyl phthalate	22.806	149	496026	52.422	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.711	276	773890	48.539	ng	# 96
88) Benzo(b)fluoranthene	23.934	252	663067	51.617	ng	100
89) Benzo(k)fluoranthene	23.999	252	647630	50.920	ng	99
90) Benzo(a)pyrene	24.816	252	589913	54.427	ng	100
91) Dibenzo(a,h)anthracene	28.758	278	672505	51.008	ng	98
92) Benzo(g,h,i)perylene	29.868	276	664956	51.107	ng	95

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

