

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046700.D
 Acq On : 25 Sep 2020 13:48
 Operator : CG/JU
 Sample : L4038-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:09:58 AM

Quant Time: Sep 25 14:23:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	76092	20.00	ng	0.00
21) Naphthalene-d8	10.940	136	290765	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	206175	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	494576	20.00	ng	0.00
76) Chrysene-d12	21.774	240	502678	20.00	ng	# 0.00
86) Perylene-d12	25.058	264	496302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	521489	109.79	ng	0.00
7) Phenol-d6	7.273	99	673835	100.58	ng	0.00
23) Nitrobenzene-d5	9.283	82	491233	89.88	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	361792	133.08	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	1090909	74.91	ng	0.00
79) Terphenyl-d14	20.094	244	2062868	82.25	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.595	88	76505	34.52	ng	# 19
3) Pyridine	3.995	79	200213	31.93	ng	# 94
4) n-Nitrosodimethylamine	3.889	42	138946	42.35	ng	# 65
6) Aniline	7.444	93	150162	18.55	ng	# 89
8) 2-Chlorophenol	7.685	128	217810	46.02	ng	84
9) Benzaldehyde	7.256	77	54400	10.05	ng	88
10) Phenol	7.297	94	266198	39.92	ng	80
11) bis(2-Chloroethyl)ether	7.538	93	226974	44.04	ng	88
12) 1,3-Dichlorobenzene	8.014	146	219859	35.97	ng	# 91
13) 1,4-Dichlorobenzene	8.160	146	221894	36.63	ng	98
14) 1,2-Dichlorobenzene	8.478	146	215613	38.17	ng	97
15) Benzyl Alcohol	8.354	79	255497	46.38	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.654	45	360916	39.90	ng	99
17) 2-Methylphenol	8.554	107	195574	45.67	ng	# 90
18) Hexachloroethane	9.212	117	78207	34.23	ng	85
19) n-Nitroso-di-n-propyla...	8.930	70	203140	44.22	ng	93
20) 3+4-Methylphenols	8.883	107	263780	45.19	ng	91
22) Acetophenone	8.948	105	367191	43.48	ng	# 92
24) Nitrobenzene	9.330	77	290788	48.74	ng	88
25) Isophorone	9.853	82	537965	45.09	ng	94
26) 2-Nitrophenol	10.041	139	114883	53.27	ng	# 82
27) 2,4-Dimethylphenol	10.094	122	212537	49.30	ng	89
28) bis(2-Chloroethoxy)met...	10.334	93	298702	40.59	ng	98
29) 2,4-Dichlorophenol	10.575	162	235619	45.43	ng	96
30) 1,2,4-Trichlorobenzene	10.793	180	237601	38.38	ng	99
31) Naphthalene	10.987	128	646743	41.01	ng	99
32) Benzoic acid	10.211	122	120363	41.07	ng	86
33) 4-Chloroaniline	11.086	127	34543	4.94	ng	# 90
34) Hexachlorobutadiene	11.274	225	161848	35.66	ng	99
35) Caprolactam	11.856	113	67549m	38.46	ng	
36) 4-Chloro-3-methylphenol	12.191	107	260446	46.71	ng	91
37) 2-Methylnaphthalene	12.585	142	493020	42.17	ng	# 93
38) 1-Methylnaphthalene	12.802	142	465834	42.92	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.949	216	307126	41.44	ng	# 97
41) Hexachlorocyclopentadiene	12.931	237	359877	83.48	ng	98
43) 2,4,6-Trichlorophenol	13.178	196	210937	45.26	ng	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.249	196	226997	48.39	ng	#	96
46) 1,1'-Biphenyl	13.584	154	668363	42.16	ng		99
47) 2-Chloronaphthalene	13.625	162	520753	40.43	ng		96
48) 2-Nitroaniline	13.819	65	180301	52.73	ng	#	79
49) Acenaphthylene	14.471	152	802880	42.36	ng		99
50) Dimethylphthalate	14.200	163	709153	43.06	ng		98
51) 2,6-Dinitrotoluene	14.312	165	146726	54.82	ng	#	66
52) Acenaphthene	14.812	154	600098	46.61	ng		97
53) 3-Nitroaniline	14.635	138	68991	22.81	ng	#	80
54) 2,4-Dinitrophenol	14.841	184	153087	104.73	ng	#	70
55) Dibenzofuran	15.146	168	829022	42.65	ng		94
56) 4-Nitrophenol	14.935	139	238839	95.88	ng	#	58
57) 2,4-Dinitrotoluene	15.094	165	204031	57.57	ng	#	65
58) Fluorene	15.793	166	685367	44.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.364	232	228123	48.65	ng	#	95
60) Diethylphthalate	15.564	149	705229	42.59	ng		96
61) 4-Chlorophenyl-phenyle...	15.787	204	382693	43.07	ng		97
62) 4-Nitroaniline	15.804	138	148759	44.30	ng	#	65
63) Azobenzene	16.081	77	695483	42.73	ng		90
65) 4,6-Dinitro-2-methylph...	15.857	198	118400	57.67	ng		80
66) n-Nitrosodiphenylamine	15.998	169	639998	43.07	ng		99
67) 4-Bromophenyl-phenylether	16.680	248	256945	41.12	ng		95
68) Hexachlorobenzene	16.797	284	271649	40.40	ng		94
69) Atrazine	16.944	200	200448	33.58	ng		97
70) Pentachlorophenol	17.138	266	516820	133.16	ng		90
71) Phenanthrene	17.532	178	1138099	42.38	ng		99
72) Anthracene	17.626	178	1156065	43.63	ng		98
73) Carbazole	17.884	167	1038009	43.05	ng		98
74) Di-n-butylphthalate	18.454	149	1212813	40.92	ng	#	98
75) Fluoranthene	19.535	202	1444712	42.25	ng		98
77) Benzidine	19.712	184	38116	2.46	ng		95
78) Pyrene	19.894	202	1453095	44.97	ng		100
80) Butylbenzylphthalate	20.787	149	543916	43.56	ng		89
81) Benzo(a)anthracene	21.750	228	1425081	42.46	ng		100
82) 3,3'-Dichlorobenzidine	21.662	252	286319	21.98	ng		99
83) Chrysene	21.815	228	1379254	43.01	ng		99
84) Bis(2-ethylhexyl)phtha...	21.668	149	785158	42.81	ng		96
85) Di-n-octyl phthalate	22.914	149	1325784	42.03	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.819	276	1643025	44.75	ng	#	85
88) Benzo(b)fluoranthene	24.012	252	1477561	45.43	ng		99
89) Benzo(k)fluoranthene	24.083	252	1415305	45.26	ng	#	97
90) Benzo(a)pyrene	24.900	252	1312344	42.88	ng	#	97
91) Dibenzo(a,h)anthracene	28.889	278	1354363	45.09	ng	#	96
92) Benzo(g,h,i)perylene	29.988	276	1352520	46.05	ng	#	94

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

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